



# EVM Central Repository

Application Training

Ms. Jen Horner

*Photo credit: Matthew J. Leonard*



Office of Acquisition, Analytics and Policy (AAP)



# Introduction: EVM-Central Repository

**PURPOSE** To establish a **source of authoritative EVM data** for the Department and to provide timely access for PMOs, Services, OSD, and DoD Components.

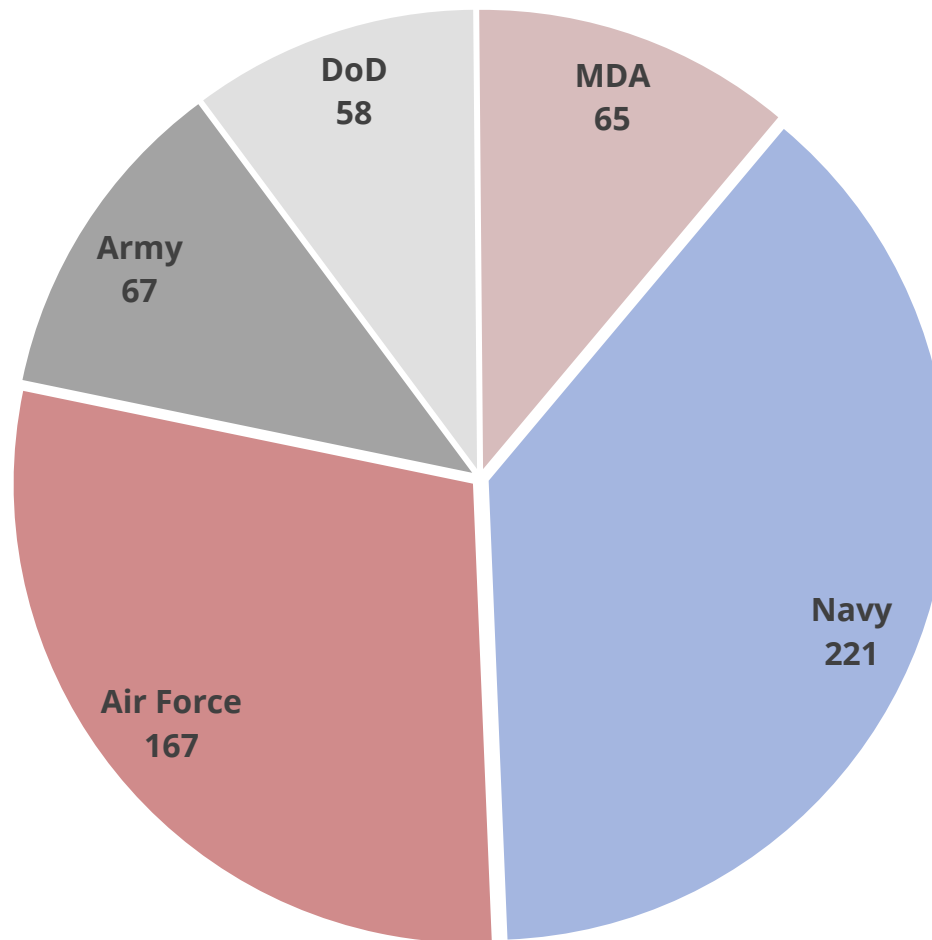
- Managed by OUSD (A&S) / AAP
- Hosted on CADE servers, separate from CSDR information

**PROGRAMS** **ACAT 1A, 1C & 1D** Programs with EVM reporting requirements on contract are required to submit to the EVM-CR.

**DATA** Standard reporting requirements are:

- Cost and Schedule data (**IPMR**) expected monthly 
- Contract Funds Status Report (**CFSR**) expected quarterly 

# Introduction: EVM-CR Metrics



## Actively Reporting Efforts by Service

(As of Dec 2018)

NOTE: **Efforts** are the number of separate reporting requirements established on a contract. For example, if a contract has reporting for *Lot 2* and *Engineering Change Proposal 4*, the contract would have two efforts.

# Introduction: EVM-CR User Roles

## Industry

### Submitter

RESPONSIBLE FOR  
Delivery of reports

APPROPRIATE FOR  
Industry contractors

### Industry Reviewer

RESPONSIBLE FOR  
Oversight of reports  
delivered by all submitters  
from their organization

APPROPRIATE FOR  
Industry contractors

ACCESS EVM-CR via

- External Certification Authority (**ECA**) **certificate**
- Certificates issued by major contractors Boeing, Northrup Grumman, Raytheon, Booz Allen Hamilton, and Lockheed Martin

## Government

### Reviewer

RESPONSIBLE FOR  
Reviewing, approving, and  
publishing reports  
Managing submitters and  
reviewers assigned to efforts

APPROPRIATE FOR  
Program Office

### Analyst

ALLOWED TO  
View and download  
published reports

APPROPRIATE FOR  
DoD

ACCESS EVM-CR via

- Common Access Card (**CAC**)
- **NDA**s: Support contractors must obtain and submit NDAs in order to gain reviewer or analyst permissions





# Introduction: Data Access



**DoD Access** DoD and DoD support contractors can access data in the EVM-CR

- Government users with Analyst role can access all published reports in the EVM-CR
- Contractors that support DOD HQ organizations can be granted similar access by providing appropriate NDAs\*

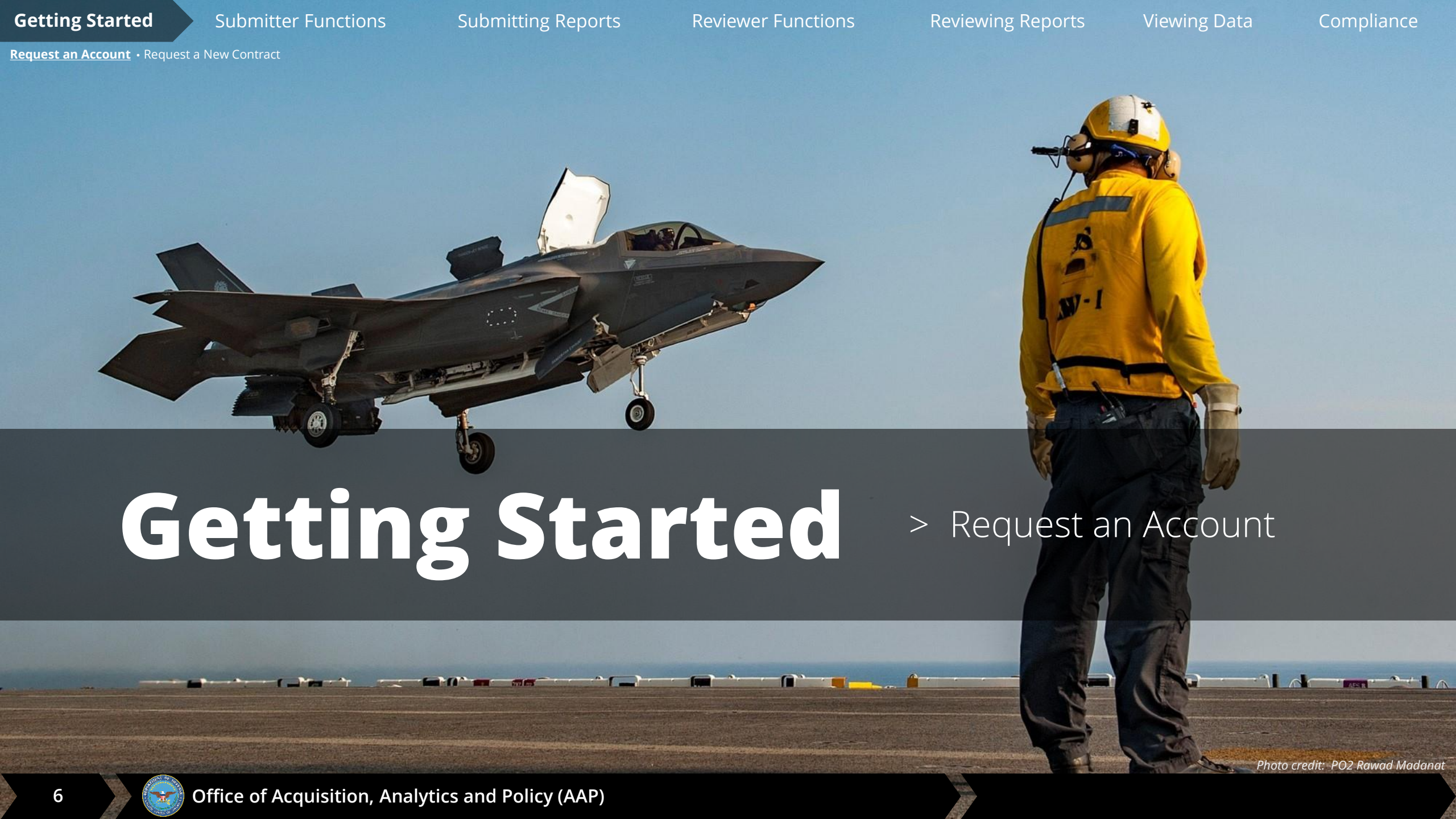


**Industry Access** Reporting contractors access data for their contracts only



**DAMIR** Summary data is extracted by OSD DAMIR system for use in DAES process

\*Effective Aug 31, 2016, support contractors acting as EVM Reviewers are required to sign NDAs with the reporting contractor in order to access data within the system.



# Getting Started

> Request an Account

# New Account: **Starting a Request**

To request access to the EVM-CR, visit the EVM public site at <https://www.acq.osd.mil/evm/> and select **Request Account**.



# New Account: Certificate Requirements

All users are required to have a valid **CAC** (Common Access Card) or **ECA** (External Certificate Authority) Certificate in order to request an account in the EVM-CR Portal.

**We also accept certificates issued by the following industry partners:**

Boeing	Raytheon	Lockheed Martin
Northrop Grumman	Booz Allen Hamilton	

## ECA Certificates

- Type required: **Medium Token Assurance Identity** Certificate
- To locate approved certificate vendors, visit the ECA PKO Program Website at <http://iase.disa.mil/pki/eca/Pages/index.aspx>



# New Account: Creating a User Profile

Register For Access

?

 Note: This site requires a strong password. Click here for instructions.

1

Username

2

Email

3

Password

Confirm:

Submit

1. Create a username

2. Enter your company email address

3. Create a strong password

Password Instructions

Please use the following guidelines for creating your password:

1. Your password must be at least 9 characters in length.

2. The first and last characters of your password must be a letter (upper or lower case)

3. At least 2 'special' characters are required between positions 2 and 8 (Examples: #\$.()%^&\*).

4. At least 2 lowercase and 2 uppercase letters are required.

5. At least 2 numbers are required between positions 2 and 8.

6. You may not have 2 or more of the same character adjacent to one another.

Close

# New Account: Creating a User Profile

**Name**  
Username: Submitter  
First Name  
  
Last Name

**Personal Details**  
Email  
  
Organization  
  
MDAP/Program  
  
Phone  
  
Ext  
  
Phone 2  
  
Ext  
  
DSN  
  
Pager

- Enter your first and last name
- Enter the name of your organization (company)
- Associated program(s)
- Business phone

# New Account: Creating a User Profile

**User Type and Security References**

User Type  
(Select) ▼

Citizenship  
(Select) ▼

Supervisor Email

Supervisor  Phone

Security Officer  Phone

- Enter your User Type
  - For Non-Gov't Users, choose *Non-Gov't: Industry Data Provider*
- Citizenship (citizen, resident, non-resident)
- Supervisor and Security Officer contact information

# New Account: User Profile Approval

**1**

User Profile

**Name**  
First Name: jhorner  
Last Name: Horner

**Personal Details**  
E-mail: jhorner@tecolote.com  
Organization: Tecolote Research, Inc. (SPSG)  
MDAP/Program:  
Phone: 253-564-1979 Ext: 1  
Phone 2:  
DSN:  
Pager:

**Service Affiliations**  
☒ All ☐ Specific  
☒ AIR FORCE ☒ ARMY ☒ DOD ☒ MDA ☒ NAVY

**Address**  
Address: 3518 6th Avenue  
Address2: Suite 301  
City: Tacoma  
State / Region: Washington  
Zip / Postal Code: 98406

**User Type And Security References**  
User Type: Non-Govt: DoD Support Contractor Analyst  
Citizenship: U.S. Citizen  
Supervisor E-mail: jmcgahan@tecolote.com  
Supervisor: John McGahan Phone: 253-564-1979  
Security Officer: Veda Kordes Phone:

**2** O=U.S. Government, OU=DoD, OU=PKI, OU=CONTRACTOR, CN=HORNER.JENNIFER.ANN.1508354742

**3**

**Requested Roles**  
Request Date: 9/15/2009 2:08:50 PM  
☒ EVM\_Analyst ☒ EVM\_Reviewer ☒ EVM\_Submitter ☒ DACIMS35\_Analyst  
☒ CSDRSR\_Reviewer ☒ CSDRSR\_Submitter

**Assigned Roles**

Submitter	Reviewer	Analyst	User/Other	Admin
<input checked="" type="checkbox"/> CSDRSR	<input checked="" type="checkbox"/> CSDRSR	<input checked="" type="checkbox"/> CADE	<input checked="" type="checkbox"/> cPetWeb	<input type="checkbox"/> CADE
<input checked="" type="checkbox"/> EVM	<input checked="" type="checkbox"/> EVM	<input type="checkbox"/> CADELim	<input type="checkbox"/> Pending	<input checked="" type="checkbox"/> cPetWeb
	<input type="checkbox"/> CSDRSRLim	<input checked="" type="checkbox"/> DACIMS35	<input type="checkbox"/> CADE_CM	<input checked="" type="checkbox"/> CSDRSR



# New Account: **EVM-CR Roles**

**Analyst** Access to **all published reports** (not Rejected, Pending, or Submitting status) and various reporting tools.

**Reviewer** PMO team member that **reviews submitted files**

**Lead Reviewer** Reviewer with **authority to approve or reject** files in submission

**Submitter** Reporting contractor team member who **uploads data files**

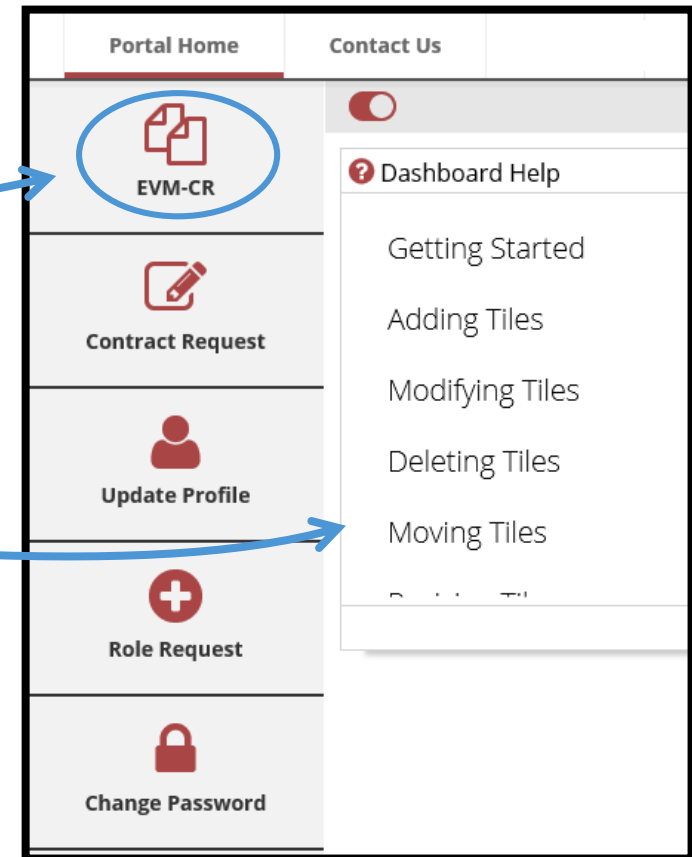
**Industry Reviewer** Reporting contractor leadership, **oversees submissions** from his/her organization

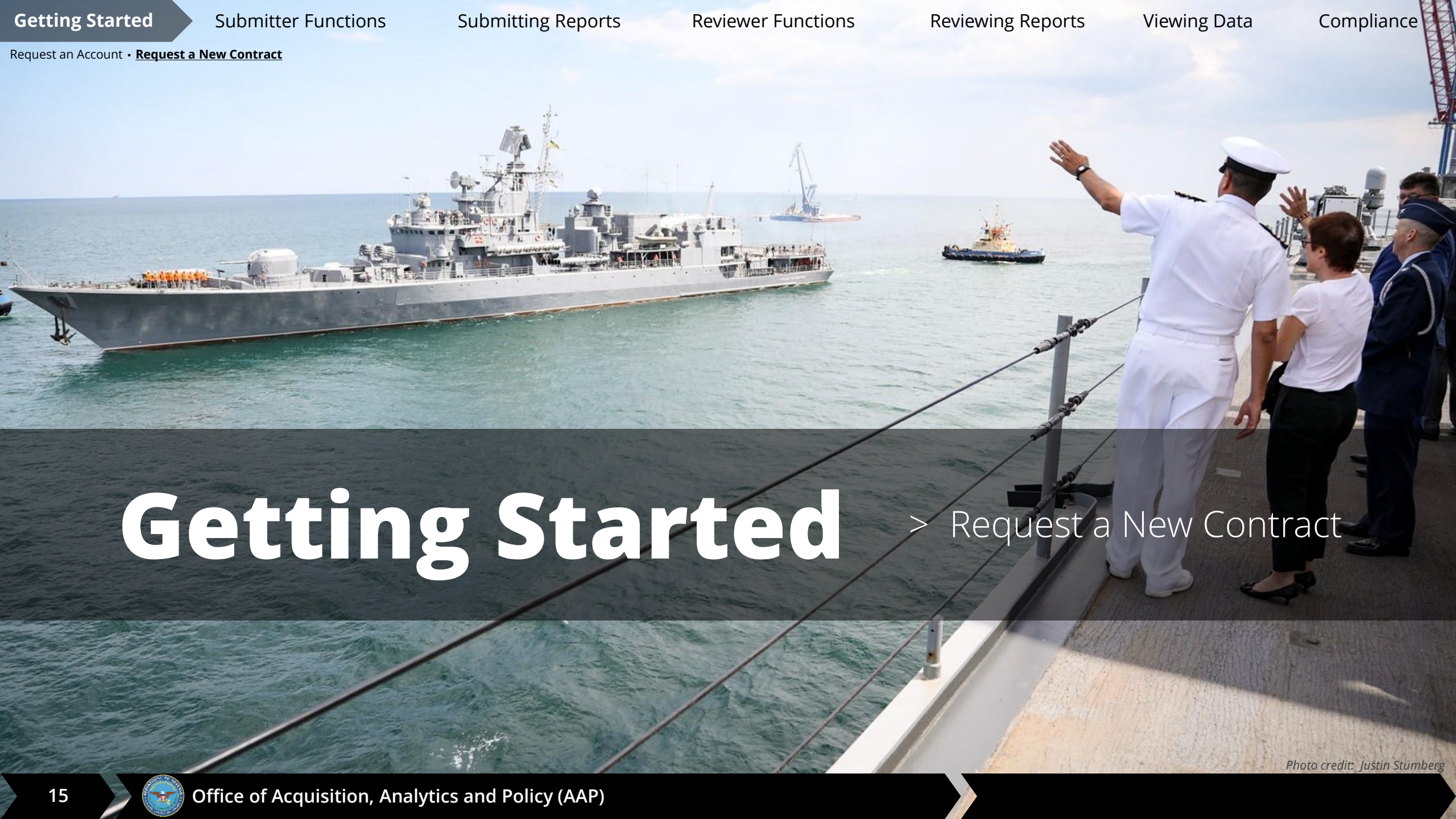
# New Account: EVM-CR Portal Home

Once your system access is approved, log in to the **EVM-CR Portal** at <https://evm.acq.osd.mil/evm/portal> and select the EVM-CR application.

**Tiles** provide important news items and quick access to your assigned activities.

For example, **EVM Submissions for Review** links you to Pending submissions on your assigned contracts.





# Getting Started

> Request a New Contract

Photo credit: Justin Stumberg

# New Contract: **Reporting Requirements**

To establish a contract in the EVM-CR, the government program office must first define the contract reporting requirements.

1. Program Office submits contract/effort **initialization** information

EVM-CR support staff coordinates with Program and Service Rep to define Effort Numbers

2. Program Office submits contract/effort **CDRL documents**

EVM-CR support staff uses submitted CDRLs to determine reporting requirements

3. EVM-CR staff **establishes** contract/effort reporting in the EVM-CR

Establish Contract/Effort Data Reporting Stream

Assign initial users based on Program Office inputs



# New Contract: **Start a Request**

To establish a contract for reporting within the EVM-CR, a representative from the government program office will need to make a request via the EVM-CR Portal.

To start a new request:

1. From the Portal Home, select **Contract Request**.
2. Click the **Create Request** link.
3. Click **Next** to start the process.

The first screenshot shows the 'Portal Home' interface with the 'EVM-CR' tab selected. The 'Contract Request' link is circled in blue and labeled with a blue circle containing the number '1'. The second screenshot shows the 'Contract Request' page with the 'Create Request' link circled in blue and labeled with a blue circle containing the number '2'. The third screenshot shows the 'Next' button circled in blue and labeled with a blue circle containing the number '3'. A blue note box in the third screenshot states: 'Note: This tool should be used to request new EVM contract reporting only. For other inquiries please contact the help desk. EVM-CR Support'.

# New Contract: **Form Overview**

The contract request form will ask for the following information.

Required sections:

Summary, Contractor, Lead Reviewers, Contract Effort, and Contract CDRLs

▶ Summary	Not Started
▶ Contractor	Not Started
▶ Lead Reviewers	Not Started
▶ Contract Reviewers	Optional
▶ Contract Submitters	Optional
▶ Contract Effort	Not Started
▶ Contract Data Requirements Lists (CDRLs)	Not Started

Form DD-1423 or equivalent for IPMR / CFSR (any that are required)

# New Contract: Summary

► Summary ► Contractor ► Lead Reviewers ► Contract Reviewers ► Contract Submitters ► Contract Effort ► Contract Data Requirements Lists (CDRLs)

All fields in the **Summary** section are required:

- Program Name
- Contract Number
- Weapon System Type
- Contract Type
- Mil-Standard
- Service
- Phase
- Program Manager

If this is a new effort on a contract that is already established for reporting to the EVM-CR, click the option to **Use existing contract reporting record**.

**Summary Information**

The following items will search as you type. Select the item in the list that is displayed.

Program Name

Contract Number

Weapon System Type

Contract Type

Select from the dropdown lists

Mil Standard  
(Select) ▼

Service  
(Select) ▼

Phase  
(Select) ▼

Type in the name of the program manager for this contract reporting

Program Manager

Check the box below if you wish to use an existing contract reporting record for the effn(s) to a new contract reporting record in the system. If you check the box, the contract inform contract reporting record in the system in order to take effect.

☐ Use existing contract reporting record

Save

# New Contract: Contractor

► Summary ► Contractor ► Lead Reviewers ► Contract Reviewers ► Contract Submitters ► Contract Effort ► Contract Data Requirements Lists (CDRLs)

Provide the prime contractor's name, division, and location.

In the rare case that subcontractor reporting is required for your contract, you will fill out a **separate request** which includes both prime and subcontractor information.

### Prime Contractor Information

Type a few letters to find the contractor and select from the list. If the contractor cannot be found, type in the full name for the contractor and select it in the list that appears as you type up to add it.

Contractor

To see all existing divisions, type in the name of the contractor you selected above. You may also type a division name, city, or the 2-letter state abbreviation. If the division is not found, enter the full name of the division and also enter the location field below (example: San Diego, CA).

Division

Location

### Sub Contractor Information

Note: It is rare for EVM reporting to involve a subcontractor, except for cases where a joint venture is involved.

Type a few letters to find the contractor and select from the list. If the contractor cannot be found, type in the full name for the contractor and select it in the list that appears as you type up to add it.

Contractor

To see all existing divisions, type in the name of the contractor you selected above. You may also type a division name, city, or the 2-letter state abbreviation. If the division is not found, enter the full name of the division and also enter the location field below (example: San Diego, CA).

Division

Location



# New Contract: Lead Reviewers

► Summary ► Contractor ► Lead Reviewers ► Contract Reviewers ► Contract Submitters ► Contract Effort ► Contract Data Requirements Lists (CDRLs)

The **Lead Reviewer** is the individual in the government program office responsible for reviewing and approving submissions.

- One primary Lead Reviewer is required
- Alternate Lead Reviewers can be provided if desired

Optionally, contract Reviewers and Submitters can be assigned in the next two sections.

► Contract Reviewers ► Contract Submitters

**Lead Reviewer Information**

Lead reviewers are responsible for reviewing submissions on their assigned contracts. They are the only users who have the capability of publishing a submission. Lead reviewers are also responsible for managing the reviewers and submitters for their assigned contracts.

Set the primary lead reviewer by typing a few characters of the last name to find him/her in the system. If you do not find the person you are searching for, enter their full name.

Primary Lead Reviewer

Email

Phone

Optionally add alternate lead reviewers in the same manner as the primary lead reviewer above.

Alternate Lead Reviewer

Email

Phone

Alternate Lead Reviewer

Email

Phone

# New Contract: Contract Effort

[▶ Summary](#)
[▶ Contractor](#)
[▶ Lead Reviewers](#)
[▶ Contract Reviewers](#)
[▶ Contract Submitters](#)
[▶ Contract Effort](#)
[▶ Contract Data Requirements Lists \(CDRLs\)](#)

For each IPMR Reporting Requirement, provide:

- Effort Name
- Effort Number
  - This should be the same as the DAMIR Effort Number, in order to align EVM-CR data with DAMIR/DAES. If you don't know it, contact us at [EVM-CRsupport@Tecolote.com](mailto:EVM-CRsupport@Tecolote.com)
- Start Date\*
- End Date\*

\* Start and end dates of EVM-CR reporting period

Contract Effort Information

Enter up to 3 effort items (e.g. LRIP, DO 1234, CLIN 2, etc...) for this EVM reporting requirement. If more than 3 effort items are needed, they can be added later by contacting the help desk. The effort number should be a number from 1 to 999 as shown in the DAMIR system. The start and end dates should match what is indicated in the CDRL for each effort.

Effort Name

Effort Number

Start Date

End Date

---

Effort Name

Effort Number

Start Date

End Date

Effort Name

Effort Number

Start Date

End Date

Save

# New Contract: Uploading CDRLs

► Summary ► Contractor ► Lead Reviewers ► Contract Reviewers ► Contract Submitters ► Contract Effort ► Contract Data Requirements Lists (CDRLs)

Click **Choose File** to upload all CDRL documents (DD-1423 or equivalent, which define IPMR or CFSR reporting requirements for your contract).

**Contract Data Requirements Lists (CDRLs)**

Upload all CDRLs associated with this contract reporting requirement. To submit a file, first select a file to upload, enter a description for the file, and then click "Submit CDRL". There is a 100mb file size limit.

File

Choose file

Description

Submit CDRL

Cancel

The files you have submitted are displayed here. You may delete a file from the list by clicking on the trash can icon to the left of the file name.

# New Contract: **Submit Request**

► Summary ► Contractor ► Lead Reviewers ► Contract Reviewers ► Contract Submitters ► Contract Effort ► Contract Data Requirements Lists (CDRLs)

Once all required sections have been populated, the option to submit the request will be available. Click **Submit Request** to finalize.

Ready To Submit:

All of the sections have been completed! Please review all of the sections before submitting in case you need to make changes. You may submit your request for contract reporting when you are satisfied with your entries.

**Submit Request**

Collapse All or Show All

► <u>Summary</u>	Completed
► <u>Contractor</u>	1 Prime
► <u>Lead Reviewers</u>	1 Lead Reviewer(s)
► <u>Contract Reviewers</u>	Optional
► <u>Contract Submitters</u>	Optional
► <u>Contract Effort</u>	1 Effort Item(s)
► <u>Contract Data Requirements Lists (CDRLs)</u>	2 File(s)

Cancel This Request

# New Contract: CDRL Review

CDRL documents are reviewed by an EVM-CR System Administrator to **determine reporting requirements:**

- Report formats required
- Frequency
- Submit days  
(Number of days after close of accounting before submission is due)

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)										Form Approved OMB No. 0704-0188		
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>												
A. CONTRACT LINE ITEM NO.		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER <u>X</u>								
D. SYSTEM/ITEM				E. CONTRACT/PR NO. (Fill in when known)				F. CONTRACTOR (Enter Full name of Contractor)				
1. DATA ITEM NO. A0XXXX		2. TITLE OF DATA ITEM Integrated Program Management Report (IPMR)						3. SUBTITLE			17. PRICE GROUP	
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81861				5. CONTRACT REFERENCE SOW PARA XXXX				6. REQUIRING OFFICE PROG/XXXX		8. ESTIMATED TOTAL PRICE		
7. DD250 REQ LT		9. DIST STATEMENT REQUIRED FOUO		10. FREQUENCY MONTHLY		12. DATE OF FIRST SUBMISSION SEE BLOCK 16			14. DISTRIBUTION			
8. APP CODE NO		11. AS OF DATE SEE BLOCK 16		13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16			a. ADDRESSEE		b. COPIES			
16. REMARKS  The Contractor shall provide monthly IPMRs per DID DI-MGMT-81861; modified per the following:  1. Block 12 - Date of First Submission. The first submission of Formats 1-6 is due 12 working days after the end of the second full accounting period following Authorization to Proceed (ATP).  2. Block 13 - Date of Subsequent Submissions: Subsequent submissions containing Formats 1 through 6 shall be provided within 12 working days <sup>1</sup> after the close of the contractor's monthly or periodic accounting cycle. Format 7 is due annually on [add date] <sup>2</sup> . Final submissions are due when the last significant milestone/deliverable as defined by the contract has been achieved and remaining risk areas have been mitigated.  3. Block 14 - Distribution and addresses:  3.1. All formats shall be submitted electronically in accordance with the DoD-approved XML schemas and guidelines located in the EVM Central Repository (EVM-CR) <a href="http://dcarc.cape.osd.mil/EVM/Uncefact.aspx">http://dcarc.cape.osd.mil/EVM/Uncefact.aspx</a> .  3.2. All IPMR files must be electronically forwarded to the EVM-CR <sup>3</sup> at the DCARC Web site at <a href="http://cade.osd.mil/EVM/Uncefact.aspx">http://cade.osd.mil/EVM/Uncefact.aspx</a> .  3.3. Formats 1-4 shall be submitted using the DoD-approved XML schema and cost guideline.  3.4. Format 5 shall be submitted in contractor format.  3.5. Format 6 shall be submitted using the DoD-approved XML schema and schedule guideline. Format 6 shall also be submitted in contractor native format <sup>4</sup> .								a. ADDRESSEE		b. COPIES		
								Draft		Final		
								EVM-CR		01		



# New Contract: Reporting Stream

The EVM-CR System Administrator captures the CDRL requirements in the  
EVM-CR Reporting Stream

IPMR cost formats required

The screenshot shows the 'Reporting Streams' tab in the EVM-CR system. The interface includes fields for Program (Example), Contract (0-0), Reporting Contractor (Division: N/A), and Contract Type (CPAF, Service: AIR FORCE). The Effort Name is 'Task 1'. On the left, there are input fields for Effort ID (2210), Effort Start Date (1/1/2014), and Effort End Date (1/1/2020), with a 'Save Effort Dates' button. The main configuration area is divided into several sections: COST, FORMATS, SCHEDULE, FORMAT 7, CFSSR, and HISTORY. The 'FORMATS' section is circled in blue, and a blue arrow points from the text 'IPMR cost formats required' to it. The 'COST' section has checkboxes for UN/CEFACT, ELECTRONIC COST (checked), and HUMAN READABLE. The 'FORMATS' section has checkboxes for FORMAT 1 through FORMAT 5. The 'SCHEDULE' section has checkboxes for NATIVE and FORMAT 6. The 'FORMAT 7' section has a checkbox for FORMAT 7. The 'CFSSR' section has a checked checkbox for CFSSR. The 'HISTORY' section has a checkbox for HISTORY. Below these sections are dropdown menus for FREQUENCY, SUBMIT DAYS, DAY TYPE, and SOURCE.

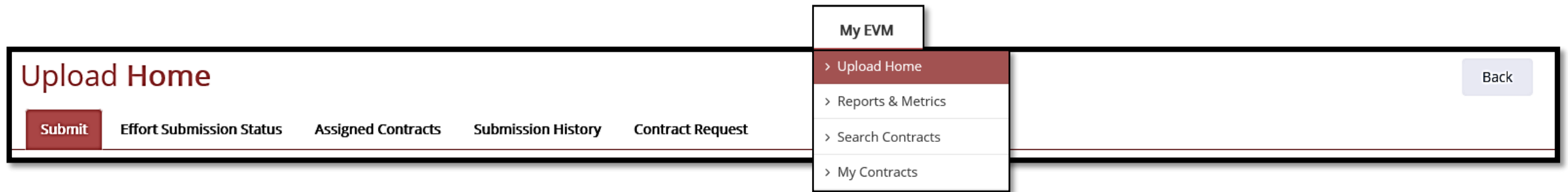
COST	FORMATS	SCHEDULE	FORMAT 7	CFSSR	HISTORY
<input type="checkbox"/> UN/CEFACT <input checked="" type="checkbox"/> ELECTRONIC COST <input type="checkbox"/> HUMAN READABLE	<input type="checkbox"/> FORMAT 1 <input type="checkbox"/> FORMAT 2 <input type="checkbox"/> FORMAT 3 <input type="checkbox"/> FORMAT 4 <input type="checkbox"/> FORMAT 5	<input type="checkbox"/> NATIVE <input type="checkbox"/> FORMAT 6	<input type="checkbox"/> FORMAT 7	<input checked="" type="checkbox"/> CFSSR	<input type="checkbox"/> HISTORY
FREQUENCY: Monthly		Not Available	Annual	Quarterly	Not Available
SUBMIT DAYS: 30		30	30	30	30
DAY TYPE: CalendarDay		CalendarDay	CalendarDay	CalendarDay	CalendarDay
SOURCE: 0		0	0	0	0

# Submitter Functions

Photo credit: Capt. Paul Stennett

# Submitter Functions: Upload Home

The **Upload Home** page is the home base for Data Managers.



From here, you can do several things:

- Request access to a contract (you must have in order to submit)
- Submit on assigned contract(s)
- Check reporting compliance for your assigned contracts
- View assigned contracts
- View a list of past submissions for your assigned contracts

# Submitter Functions: Get Contract Access

If you have no contracts listed in **Upload Home**, you must request them via the **Contract Request** tab.

Enter the contract number, click Send Request, and the Lead Reviewer will receive an email alerting them to your request.

The screenshot displays the EVM system interface. At the top, there are navigation tabs: Portal Home, EVM Home, My EVM, and Contact Us. The My EVM tab is active, and a dropdown menu is open, showing options: Upload Home, Reports & Metrics, Search Contracts, and My Contracts. Below the navigation, the 'Upload Home' section is visible, with a 'Contract Request' tab highlighted in red. The 'Contract Request' section contains a form with a text input field labeled 'Contract Number' and a placeholder '< Contract Number >'. Below the input field is a red button labeled 'Send Request'. A message above the input field states: 'Please enter the contract number of the request.'

# Submitter Functions: Submit

Submit

Effort Submission Status

Assigned Contracts

Submission History

Contract Request

Once you have assigned contracts, you will access the **Submit** tab on **Upload Home** to begin a new submission or continue existing submissions within the EVM-CR. This tab lists all submissions for your assigned contracts currently in Submitting status.

## Continue Existing Submissions

Program Name	Submission ID	Contract	Report Category(s)	Effort	Contains Admin Files	Year	Month	Report Date		
Death Star Program (Testing Purposes)	9595	N00001-00-0001	CFSR	Y-Wing	No	2015	3	4/4/2015	Continue	Cancel
Death Star Program (Testing Purposes)	9598	N00001-00-0001	Human Readable Cost	Y-Wing	No	2016	7		Continue	Cancel
Death Star Program (Testing Purposes)	9601	N00001-00-0001	Human Readable Cost	Y-Wing	No	2016	7		Continue	Cancel
Death Star Program (Testing Purposes)	9603	N00001-00-0001	Electronic Cost	Y-Wing	No	2015	5	5/25/2015	Continue	Cancel

## Start New Submission on Effort

Program	Contract	Effort	
Death Star Program (Testing Purposes)	N00001-00-0001	Y-Wing	Start Submission

Start new submission

Continue existing submission





# Submitter Functions: Effort Submission Status

Submit **Effort Submission Status** Assigned Contracts Submission History Contract Request

The **Effort Submission Status** tab displays reporting compliance ratings for all of your assigned contract efforts.

Enter filter criteria and click 'Filter'

Program

<Program>

Contract Number

<Contract Number>

Filter

Clear

Program	Contract	Contractor	Service	Effort	Feb-18			Mar-18			Apr-18			May-18		
					Cost	Schedule	CFSR	Cost	Schedule	CFSR	Cost	Schedule	CFSR	Cost	Schedule	CFSR
Program I	F32000-01-D-2000	A Company	AIR FORCE	RDT&E												
Program II	F32000-01-D-2000	A Company	AIR FORCE	Test 2												
Program III	FA2000-04-C-2004	A Company	AIR FORCE	Proc (21)												
Program III	FA2000-04-C-2004	A Company	AIR FORCE	Test 1												

Legend

**COST / SCHEDULE / CFSR**

- All Required Deliveries Received
- Partially Compliant
  - Delivered Late
  - Missing formats (1, 2, 3, or 4) in Electronic Cost File
  - Missing Human readable cost (electronic file received)
  - Missing Native Schedule (electronic format 6 file received)
- Non-Compliant
  - Missing all required files
  - Missing required electronic file marked as total/final
  - Submission in rejected status and not resubmitted
  - Submission in submitting status
- Not Required or Not Yet Due

**ON TIME DELIVERY**

- On Time
- Late
- Missing
- Rejected
- In Submitting Status
- Expected this Period
- Not Required this Period
- Never Required
- No Data

Applicable to:

- \* Electronic Cost
- \* Human Readable Cost
- \* Format 6
- \* Native Schedule
- \* CFSR

**COMPLIANCE**

- Compliant
- Not UN/CEFACT (if required)
- Missing Total/Final
- No Data

Applicable to:

- \* UN/CEFACT, Formats 1-4 and 7
- \* requirements identified in reporting stream compared against delivered files

Details

Contract: 0-0-  
Effort Name: Task 1

Year: 2017  
Month: November

Cost

ELECTRONIC COST ON TIME

ELECTRONIC COST COMPLIANCE

HUMAN READABLE COST ON TIME

UN/CEFACT:

Format 1: Not Required & Not Delivered

Format 2: Not Required & Not Delivered

Format 3: Not Required & Not Delivered

Format 4: Not Required & Not Delivered

Format 7: Not Required & Not Delivered

# Submitter Functions: **Assigned Contracts**

Submit   Effort Submission Status   **Assigned Contracts**   Submission History   Contract Request

- The **Assigned Contracts** tab provides a list of the contracts to which you have been assigned as a Submitter.
- If you are missing a contract assignment, request access via the **Contract Request** tab.

Contract	Effort	Program Name	Program Manager	Contractor	Contractor Division
N0000-00-0002	Multiple (13) ↔	Death Star Program (Testing Purposes)	Luke Skywalker	Rambo Systems	Awesome Weapon Development
N0000-00-0002	Tie Bomber	Death Star Program (Testing Purposes)	John Kimble	Rambo Systems	Awesome Weapon Development
N0000-00-0002	Tie Fighter	Death Star Program (Testing Purposes)	John Kimble	Rambo Systems	Awesome Weapon Development
N0000-00-0003	Epoch Test	Death Star Program (Testing Purposes)	Eric Guerber	Rambo Systems	Awesome Weapon Development

Select for **Contract Detail** page

# Submitter Functions: Submission History

Submit   Effort Submission Status   Assigned Contracts   **Submission History**   Contract Request

The **Submission History** tab lists all submissions for your assigned contracts and the current status for each submission.

Enter search criteria and click 'Search'

Submission ID  
<Submission ID>

Contract  
N0000-00-0002

Start Date  
<Start Date>

Report Category  
All

Submission Status  
All

Program  
All

Search

Clear

Submission ID	Report Category(s)	Report Date	Submission Date	Contract	Program Name	Last Status Date	Last Status Set By	Status
25042	Electronic Cost	1/28/2018	2/15/2018	N0000-00-0002	Death Star Program (Testing Purposes)	4/20/2018	David Augsburger	Published
25038	Electronic Cost	3/25/2007		N0000-00-0002	Death Star Program (Testing Purposes)	3/21/2018	Emily Bower	Submitting

Status	Definition
Submitting	Submission in Submitter control
Pending	Submission in Reviewer control
Published	Available to all government analysts for review
Rejected	Program office has rejected submission. <ul style="list-style-type: none"><li>Not accessible by government analysts</li><li>Submit &amp; Review team have view-only access</li></ul>

Submission status

Link to Submission Detail page

# Submitting Reports

# Submitting Reports: Start Submission

To submit a report, go to the **Submit** tab on **Upload Home** and click **Start Submission** on one of your assigned Contract Efforts.

- Cost Performance, CFSR, and Schedule files with the same report date can be uploaded in a single submission.

**Upload Home** Back

**Submit** Effort Submission Status Assigned Contracts Submission History Contract Request

Continue Existing Submissions

Program Name	Submission ID	Contract	Report Category(s)	Effort	Contains Admin Files	Year	Month	Report Date		
Example	24478	0-0-	Electronic Cost	Task 1	No	2013	8	8/25/2013	Continue	Cancel
Example	24656	0-0-	Electronic Cost	Task 1	No	2015	10	10/30/2015	Continue	Cancel
Example	24767	0-0-	Electronic Cost	Task 1	No	2010	2	2/28/2010	Continue	Cancel
Example	24785	0-0-	History	Task 1	No	2010	5	5/23/2010	Continue	Cancel
Example	25023	0-0-	Electronic Cost	Task 1	No	2017	12	12/31/2017	Continue	Cancel

Start New Submission on Effort

Program	Contract	Effort	
Example	0-0-	Task 1	Start Submission



# Submitting Reports: **File Types**

For **Machine Readable** (XML, TRN, WSA) file uploads, the system will detect the file type automatically.

Machine Readable file types
Electronic Cost
Format 6
Format 7
History (WSA or multi-period XML)



For **Human Readable** (PDF, DOC, XLS, etc.) file uploads, the system will require the Submitter to **identify the file type** with the appropriate tag.

Human Readable file types
Human Readable Cost (including format 5)
CFSR
Native Schedule
Other (signature pages, etc.)



**NOTE: A file labelled **OTHER** will not be credited as delivery of any particular report type.**

# Submitting Reports: Upload Files

Upon starting a submission in **Upload Home**, you will be directed to the **Upload Submission** page to select and upload your report files.

1. Click **Browse** to search for file
2. Add a comment if needed
3. Select **Upload**
4. File name and type will appear in **Uploaded Files**
5. Once all files are uploaded, click **Next Step**

The screenshot shows the 'Upload Submission' interface. At the top, it displays submission details: Program: Example, Contract: 0-0-, Effort: Task 1, Report: Human Readable Cost, Month: Feb, Year: 2018, and Submission ID: 25041. Below this are buttons for 'Upload' and 'Review & Submit'. A large blue circle with the number '5' is positioned over the 'Next Step' button. The main section is titled 'Unclassified Documents Only' and contains a file selection area with a text box showing 'no files selected' and a 'Browse' button, marked with a blue circle '1'. Below this is a caution note: 'Caution: The total size of each file must be less than 300 mb'. There is a 'File Comments' section with a text box containing '<Comments>' and a blue circle '2' next to it. Below the comments is an 'Upload' button, marked with a blue circle '3'. At the bottom, there is an 'Uploaded Files' section, marked with a blue circle '4', which contains a table with two columns: 'File Name' and 'File Type'. The table has one row with the file 'EVM-CR Submitter FAQ.pptx' and the type 'Human Readable Cost'.

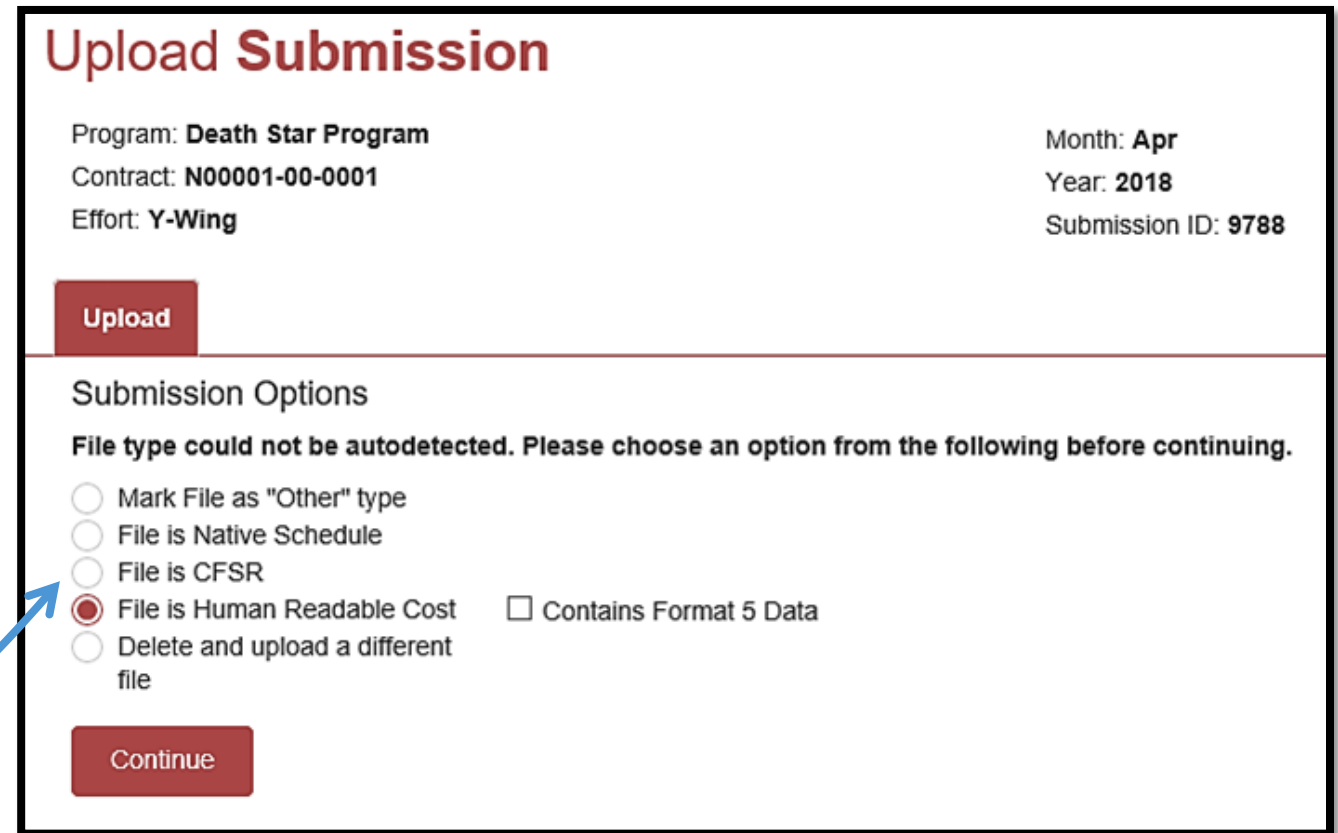
File Name	File Type
EVM-CR Submitter FAQ.pptx	Human Readable Cost

# Submitting Reports: Human Readable Files

When you upload a Human Readable file (PDF, MPP, DOC, XLS, etc.) you will be presented with this screen.

The appropriate file type must be manually selected to ensure that proper credit is given for delivered reports.

- Choose the appropriate file type and click Continue



**Upload Submission**

Program: **Death Star Program**  
Contract: **N00001-00-0001**  
Effort: **Y-Wing**

Month: **Apr**  
Year: **2018**  
Submission ID: **9788**

**Upload**

**Submission Options**

File type could not be autodetected. Please choose an option from the following before continuing.

☐ Mark File as "Other" type  
☐ File is Native Schedule  
☐ File is CFSR  
☒ File is Human Readable Cost ☐ Contains Format 5 Data  
☐ Delete and upload a different file

**Continue**

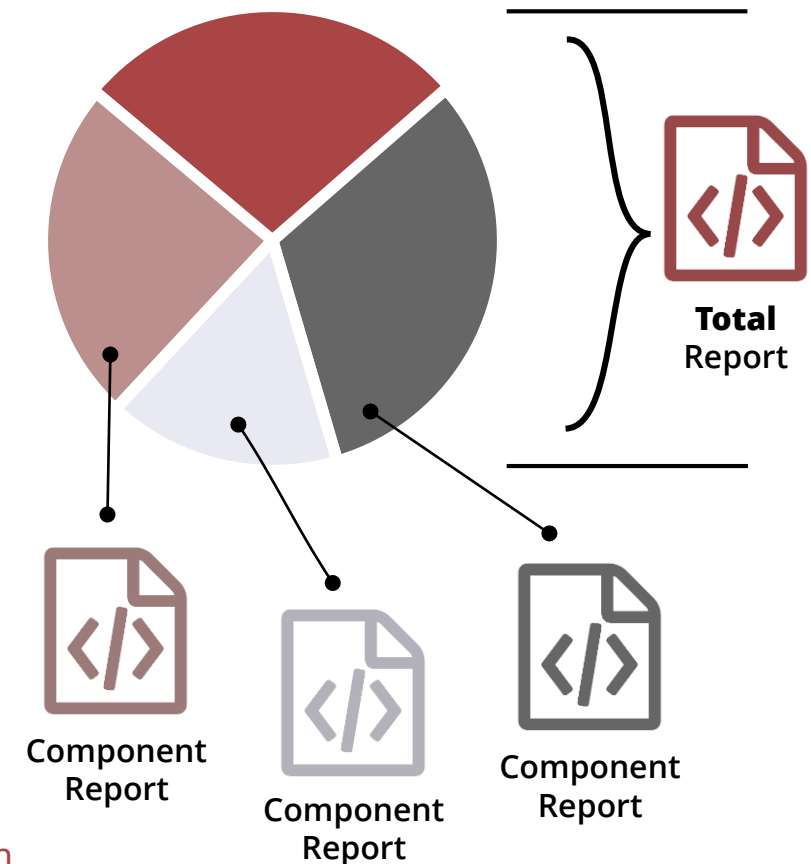
# Submitting Reports: Machine Readable

When uploading more than one Machine Readable file (XML, TRN, WSA), the system will require you to identify which of the following the file is:

- **Total:** represents the complete picture for this time period
- **Component:** represents a portion of the total (e.g. sub-contractor report, report for a specific agency, etc.)

If more than one **Total** is submitted, one must be identified as **Final** (the definitive **Total** file which represents the time period).

NOTE: If the contract has Component files but no Component Effort has been established, contact EVM-CR Support at [EVM-CRsupport@Tecolote.com](mailto:EVM-CRsupport@Tecolote.com).



# Submitting Reports: Submission IPMR

When a Machine Readable file is uploaded, the system will display a data extract (Submission IPMR page).

## 1. Use Quick Links to check data:

- Data Quality Validation Report
- Performance Over Time Chart

## 2. Values flagged by the Data Quality test are highlighted in red

## 3. Data Quality issues listed in red

Submission IPMR

View	File Name	File Type	Component	First Period	Latest Period	Number of Periods	Has Final	Process File	File ID	Status	Error	Exclude	Admin Comment
	CPR Sample.xml	Electronic Cost		6/25/2010	6/25/2010	1	Yes		469	Not Processed		No	

File Details  
File Name: CPR Sample.xml  
File Type: Electronic Cost  
File Level: Total

Navigate File Periods (1)  
6/25/2010

Quick Links  
Data Quality Validation  
Performance Over Time

Report To: 6/25/2010  
Final IPMR: Yes

Current Period Information

Current Period  
Report From: 5/26/2010  
Report To: 6/25/2010

Processed Date  
Processed: 9/21/2015

Source Data Type  
Source: IPMR XML, 9/30/2013 DEI

File Details  
File ID: 469  
File Name: CPR Sample.xml

Variances  
At Complete: -\$42,145  
Cumulative Schedule: -\$7,943  
Cumulative Cost: -\$35,704  
Total Schedule: -\$7,943  
Total Cost: -\$35,704

Report Information  
Program Name: DeathStar  
Phase: RDT&E  
Contract: N0000-00-N-0000  
Contract Type: CPFF  
Contractor: Rambo Systems  
Maximum WBS Level: 7  
IPMR ID: 5079  
Final IPMR: Yes  
Remove Final IPMR

Performance Measurement Baseline (PMB)  
MR: \$558  
AC: \$100,000  
C: \$144,479  
LWS: \$100,000  
BCWP: \$91,492  
ACWP: \$127,196  
CPI: 0.719  
SPI: 0.920

Over Target Baseline (OTB)  
OTB Date: 1/16/2009  
BAC Adjustment: \$15,229  
SV Adjustment:  
CV Adjustment:  
MR Adjustment: \$601

IPMR Header  
Dollars in: Thousands  
Quantity:  
Share Above:  
Share Below:  
Original NCC: \$85,542  
NCC: \$86,962  
CBB: \$87,062  
TAB: \$102,892  
AUW: \$100  
Contract Ceiling: \$95,338  
Estimated Ceiling: \$95,438  
Best Case EAC: \$147,181  
Worst Case EAC: \$156,067  
Most Likely EAC: \$147,829  
Target Price: \$86,962  
Estimated Price: \$87,062

IPMR Dates  
Contract Start Date: 1/1/2007  
Contract Definition Date: 3/8/2007  
Planned Completion Date: 9/24/2010  
Contract Completion Date: 12/31/2008  
Estimated Completion Date: 8/18/2011

DAMIR Validation Failures  
There are no DAMIR validation failures in this submission.

DAMIR Validation Warnings  
Further warnings detected within the data.  
2 out of 148 WBS elements do not report a name  
1 out of 109 WBS element leaf nodes report Cumulative ACWP but not Cumulative BCWP

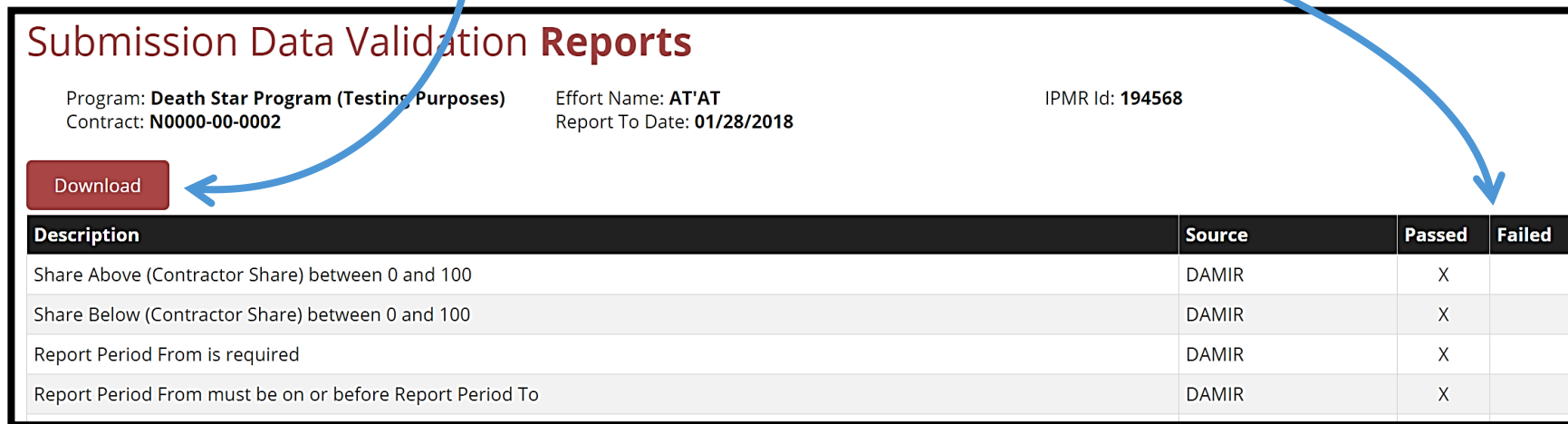


# Data Quality Validation Report

Submission IPMR &gt; Data Validation Quality Report

The **Data Quality Validation** report displays a list of all data quality checks done on the machine readable file during upload.

- Indication of Pass / Fail for each check
- Option to download to Excel



**Submission Data Validation Reports**

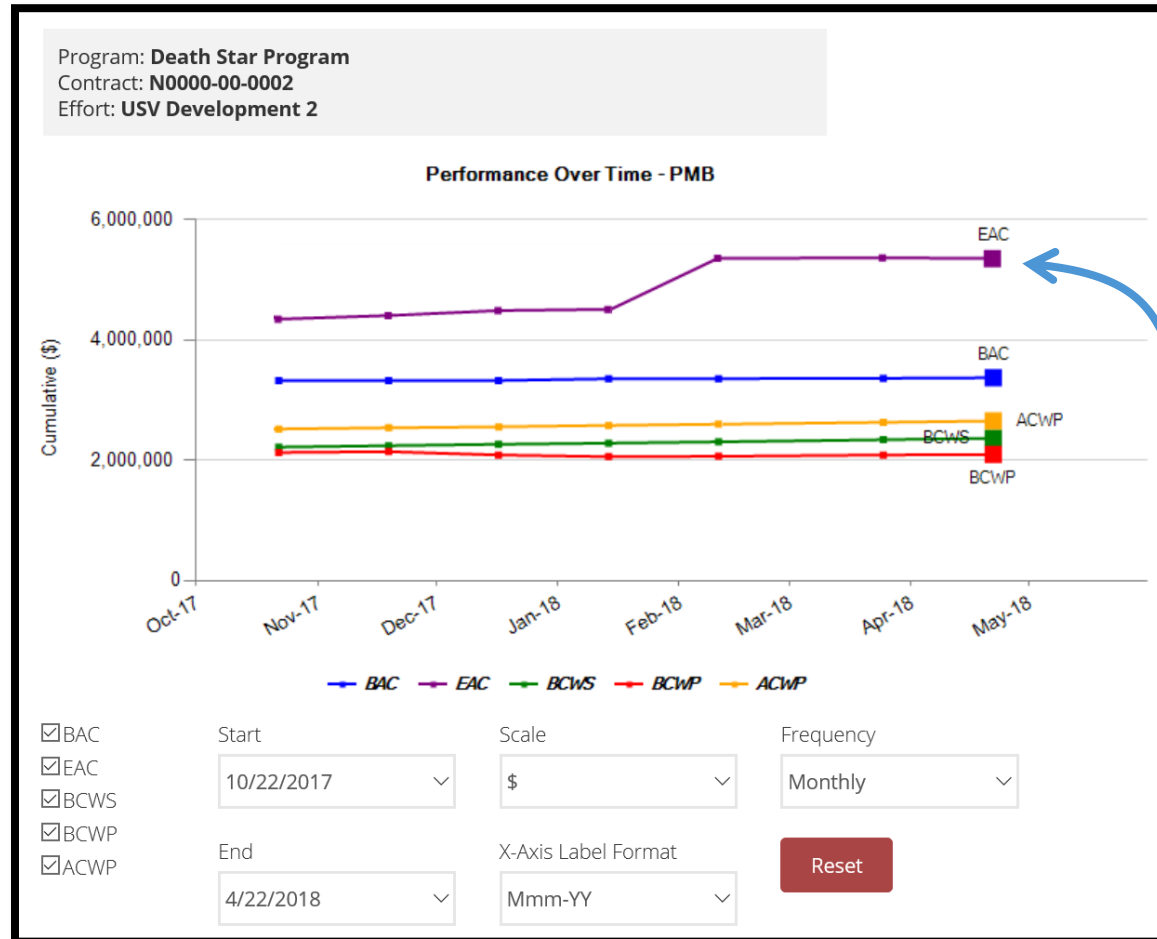
Program: **Death Star Program (Testing Purposes)**      Effort Name: **AT'AT**      IPMR Id: **194568**  
Contract: **N0000-00-0002**      Report To Date: **01/28/2018**

[Download](#)

Description	Source	Passed	Failed
Share Above (Contractor Share) between 0 and 100	DAMIR	X	
Share Below (Contractor Share) between 0 and 100	DAMIR	X	
Report Period From is required	DAMIR	X	
Report Period From must be on or before Report Period To	DAMIR	X	

# Performance Over Time Chart

Submission IPMR &gt; Performance Over Time Chart



The **Performance Over Time** chart provides a graphical representation of the submitted electronic cost IPMR data, useful for checking data consistency over time.

- Values for the current submission shown as large squares
- Hover over any data point to see its underlying value

# Submitting Reports: Review and Submit

Once all files have been uploaded, you can review the information for your uploaded files and add additional details to your submission.

- **Report Date** is the ending date of data in the file

- *Machine Readable files*: Report Date auto-populates
- *Human Readable files*: Report Date must be entered manually

- Click Save Submission, then Submit

### Upload Submission

Program: Death Star Program  
Contract: N00001-00-0001  
Effort: Y-Wing  
Report: Human Readable Cost

Month: Apr  
Year: 2018  
Submission ID: 9788

Back

Cancel Submission

Upload

Review & Submit

#### Submission Information

Contractor Number: N00001-00-0001  
Contractor: Rambo Systems  
Division: Awesome Weapon Development  
Location:  
Cage Code: DD0011

Program Name: Death Star Program (Testing Purposes)  
PNO: 001  
Program Manager: Darth Vader  
Service: DOD  
Commodity Group: SPACE

Efforts: AT-AT  
Death Star Construction  
Epoch Test  
Hoth Fighter  
Y-Wing

#### Submission Details

Report Date \*  
<As of Date>

☐ Is Draft

Comment (Max 256 char.)  
<Comment>

Save Submission

#### Point of Contact Information

Name  
David Augsburger

Phone  
(253) 564-1979

Fax  
<Fax>

Phone  
daugsburger@tecolote.com

Update Effort POC

#### Uploaded Files

Cost	File Name	File Type	Contains Format 5 Data	File Level	Component	Source File Type	Mark as Final
	Human Readable File.pdf	Human Readable Cost	No				



*Photo credit: Christopher D. Gaines*

Submitting Reports

# Confirmation

When the Submit button is clicked, all Reviewers and Submitters assigned to the contract will receive an automated email message alerting them to the submission.

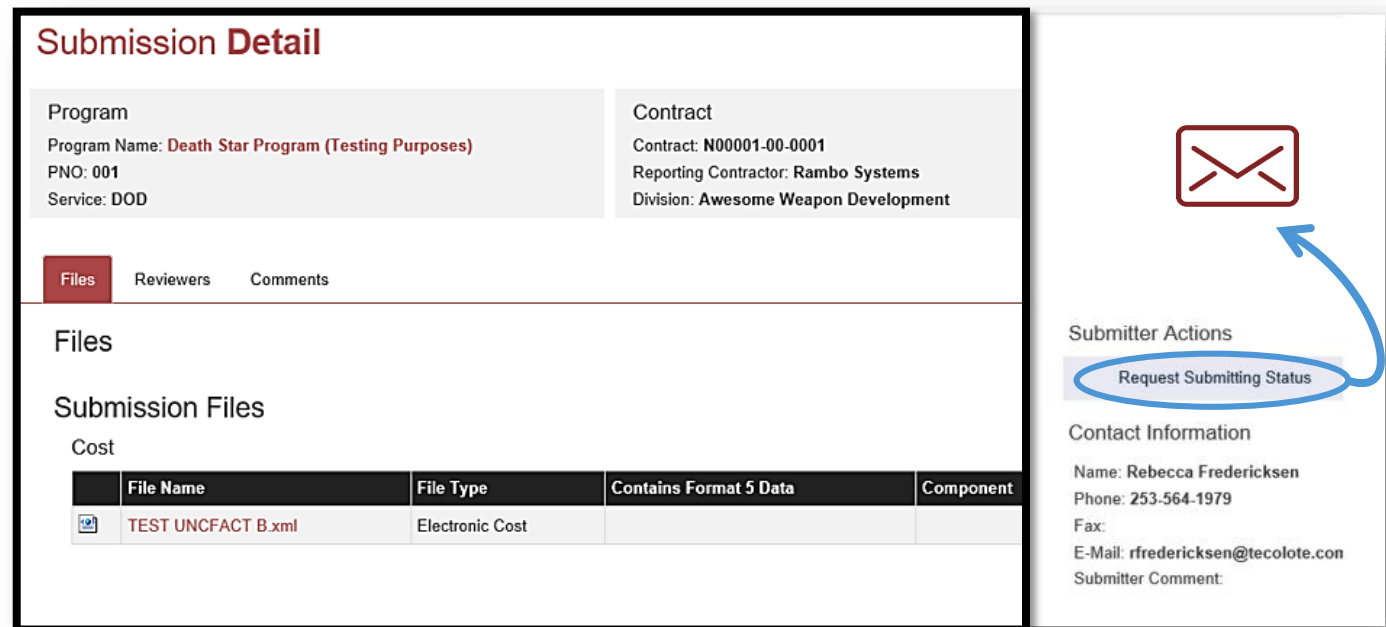


# Submitting Reports: **Edit Requests**

Did you forget to include a file? Did you find errors in your submission?  
Did you accidentally upload a file to the wrong effort?  
To edit your submission again, you'll need to **Request Submitting Status**.

On the Submission Detail page,  
click **Request Submitting Status**.

This will send an email to the Lead  
Reviewer assigned to the contract,  
who can approve your request.



**Submission Detail**

Program  
Program Name: **Death Star Program (Testing Purposes)**  
PNO: 001  
Service: DOD


Contract  
Contract: N00001-00-0001  
Reporting Contractor: Rambo Systems  
Division: Awesome Weapon Development

**Files** Reviewers Comments

Files

Submission Files

Cost

File Name	File Type	Contains Format 5 Data	Component
 <b>TEST UNCFAC B.xml</b>	Electronic Cost		

Submitter Actions  
**Request Submitting Status**

Contact Information  
Name: Rebecca Fredericksen  
Phone: 253-564-1979  
Fax:  
E-Mail: rfedericksen@tecolote.com  
Submitter Comment:

# Submitting Reports: **Edit Requests**

Once the Lead Reviewer approves your request, you will find your submission listed in **Existing Submissions**, on the **Submit** tab of the **Upload Home** page.

Upload Home

Back

Submit

Effort Submission Status

Assigned Contracts

Submission History

Contract Request

Continue Existing Submissions

Program Name	Submission ID	Contract	Report Category(s)	Effort	Contains Admin Files	Year	Month	Report Date		
Death Star Program (Testing Purposes)	9603	N00001-00-0001	Electronic Cost	Y-Wing	No	2015	5	5/25/2015	Continue	Cancel

Edit or cancel  
your submission



# Reviewer Functions

*Photo credit: Colbey Livingston*

# Reviewer Functions: Submissions



The **Reviewer Home** page provides a centralized place for common Reviewer tasks. The first tab will display Pending submissions for your assigned contracts.

My EVM

> Reviewer Home

> Reports & Metrics

> Search Contracts

> My Contracts

➔

Reviewer Home

Back

Submissions

Effort Submission Status

Contracts

Submission History

Contract Request

Pending Submissions

Submissions Filtered By Review Decisions:

Pending

Program Name	Submission ID	Contract	Report Category(s)	Effort	Contains Admin Files	Report Date	Submission Date	Submitter Name	Role
Death Star Program	9704	N00001-0001	Electronic Cost, Human Readable Cost	Y-Wing	No	6/28/2009	2/2/2018	Emily Bower	Lead Reviewer

Submission ID links to Submission Detail page

Your role on the contract



# Reviewer Functions: Effort Submission Status

The **Effort Submission Status** tab displays delivery status for your assigned Efforts.

Effort Submission Status

Enter filter criteria and click 'Filter'

Program

< Program >

Contract Number

< Contract Number >

Filter

Clear

Legend

**COST / SCHEDULE / CFSR**  
**All Required Deliveries Received**  
Delivered Late  
Missing formats (1, 2, 3, or 4) in Electronic Cost File  
Missing Human readable cost (electronic file received)  
Missing Native Schedule (electronic format 6 file received)  
**Non-Compliant**  
Missing all required files  
Missing required electronic file marked as total/final  
Submission in rejected status and not resubmitted  
Submission in submitting status  
☐ **Not Required or Not Yet Due**

**ON TIME DELIVERY**  
On Time  
Late  
Missing  
Rejected  
In Submitting Status  
Expected this Period  
Not Required this Period  
Never Required  
No Data  
Applicable to:  
\* Electronic Cost  
\* Human Readable Cost  
\* Format 6  
\* Native Schedule  
\* CFSR

**COMPLIANCE**  
Compliant  
Not UN/CEFACT (if required)  
Missing Total/Final  
No Data  
Applicable to:  
\* Electronic Cost  
\* Format 6  
**ON TIME DELIVERY**  
\* UN/CEFACT, Formats 1-4 and 7  
requirements identified in  
reporting stream compared  
against delivered files

Program	Contract	Contractor	Service	Effort	Oct-17 Cost Schedule CFSR	Nov-17 Cost Schedule CFSR	Dec-17 Cost Schedule CFSR	Jan-18 Cost Schedule CFSR
Death Star Program (Testing Purposes)	N00001-00-0001	Rambo Systems	DOD	AT-AT				
Death Star Program (Testing Purposes)	N00001-00-0001	Rambo Systems	DOD	Epoch Test				
Death Star Program (Testing Purposes)	N00001-00-0001	Rambo Systems	DOD	Hoth Fighter				
Death Star Program (Testing Purposes)	N00001-00-0001	Rambo Systems	DOD	Y-Wing				

Submission Detail page\*

Details

Contract: N00001-00-0001  
Effort Name: AT-AT  
Year: 2018  
Month: April

Cost  
 ELECTRONIC COST ON TIME  
 ELECTRONIC COST COMPLIANCE  
 HUMAN READABLE COST ON TIME

UN/CEFACT: Not Required & Delivered  
Format 1: Not Required & Delivered  
Format 2: Not Required & Delivered  
Format 3: Not Required & Delivered  
Format 4: Not Required & Delivered  
Format 7: Not Required & Not Delivered

\*You can click the individual rating boxes in the Details popup to go to the submissions they represent. (This does not apply to red, grey, black, or white boxes, as these represent missing or not-required submissions).

# Reviewer Functions: **Contracts**

Submissions   Effort Submission Status   **Contracts**   Submission History   Contract Request

The **Contracts** tab shows all contracts assigned to you and your role on each.  
If your contract is not listed, go to the **Contract Request** tab.

Contracts

Contract	Effort	Program Name	PM	Contractor	Contractor Division	Role
N00001-00-0001	Multiple (5) 🔗	Death Star Program	Darth Vader	Rambo Systems	Awesome Weapon Development	Lead Reviewer
N0000-00-0002	Multiple (3) 🔗	Death Star Program	Darth Vader	Rambo Systems	Awesome Weapon Development	Lead Reviewer
N0000-00-0003	John's Deathstar	Death Star Program	Darth Vader	Rambo Systems	Awesome Weapon Development	Lead Reviewer
N0000-00-0004	Epoch Test	Death Star Program	Darth Vader	Rambo Systems	Awesome Weapon Development	Lead Reviewer

Link to Contract Detail page





# Reviewer Functions: Submission History

Submissions   Effort Submission Status   Contracts   **Submission History**   Contract Request

The **Submission History** tab lists past submissions on your assigned contracts. The list can be filtered to find a specific submission.

Enter search criteria and click 'Search'

Submission ID

<Submission ID>

Contract

<Contract>

Effort

<Effort>

Start Date

<Start Date>

End Date

<End Date>

Report Category

All

Submission Status

All

Program

All

Search

Clear

Hide Search History Criteria

Submission ID	Report Category(s)	Report Date	Submission Date	Contract	Effort	Program Name	Last Status Date	Last Status Set By	Status
24569	History	10/2/2015	11/9/2015	0-0-	Task 1	Example	11/9/2015	Burt LeClercq	Published
24563	Electronic Cost ,Format 6 ,Format 7	8/30/2015	10/8/2015	0-0-	Task 1	Example	4/18/2016	System	Published
24565		8/1/2015	8/24/2015	0-0-	Task 1	Example	8/4/2015	System	Published



# Reviewer Functions: Contract Request

Submissions Effort Submission Status Contracts Submission History **Contract Request**

The **Contract Request** tab allows you to request access to a contract.

- Enter the contract number
- Click Send Request
- The Lead Reviewer will receive an email alerting them to your request.

Need help? Contact EVM-CR support at [EVM-CRsupport@Tecolote.com](mailto:EVM-CRsupport@Tecolote.com).

## Contract Request

Please enter the contract number of the request.

Contract Number

**Send Request**



# Reviewer Functions: Contract Request

Submissions

Effort Submission Status

Contracts

Submission History

Contract Request

Lead Reviewers will receive an email notice when a Reviewer requests access to a contract.

## Contract Reviewers

Reviewer Name	Organization	Role	Request	NDA Status
Kathy Gray	Tecolote Research	Lead Reviewer		Not Required
Eric Guerber	SPSG - Tecolote Research Inc.	Lead Reviewer		Not Required
Sam Land	Tecolote	Lead Reviewer		Not Required
Burt LeClercq	Tecolote	Lead Reviewer		Not Required
Super Cool User 1	test	Lead Reviewer		Not Required
Eric Baldrighi	Tecolote Research Inc.	Reviewer		Not Required
David Craig	Tecolote.com	Reviewer	+ x	Not Required
Rebecca Fredericksen	Tecolote Research Inc	Reviewer		Not Required

Manage Contract Reviewers

**From:** CADE Support [mailto:osd.pentagon.cape.mbx.dcarc-web@mail.mil]

**Sent:** Thursday, June 23, 2016 9:48 AM

**To:** Augsburger, David E. TAC Tecolote; Guerber, Eric Tacoma Tecolote

**Subject:** REVIEWER CONTRACT ASSIGNMENT REQUEST

Jen Horner has made a request to be added as a Reviewer to the following contract:

Example

N0000-00-N-0000

Please [REVIEW](#) this request for approval.

The user will be listed on the **Reviewers & Submitters** tab of the **Contract Detail** page. The Request column will be displayed.

- Click the + to accept
- Click the x to reject

NOTE: Submitters also have the option to request access via the site and the process for Lead Reviewer approval is the same.




# Reviewing Reports

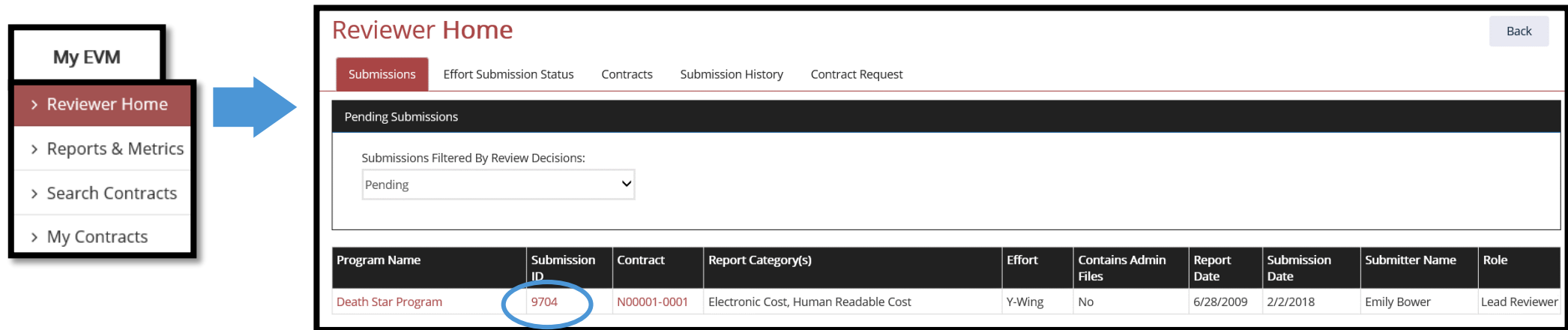
Photo credit: Anna Van Nuys

# Reviewing Reports: Getting Started

When a submission is ready to review, go to the **Submission Detail** page to review it.

Get there in one of two ways:

1. Link in the notification email 
2. In the top navigation of EVM-CR, go to **My EVM > Reviewer Home**. Select the desired submission ID from the list (filtered to pending submissions by default).



Program Name	Submission ID	Contract	Report Category(s)	Effort	Contains Admin Files	Report Date	Submission Date	Submitter Name	Role
Death Star Program	9704	N00001-0001	Electronic Cost, Human Readable Cost	Y-Wing	No	6/28/2009	2/2/2018	Emily Bower	Lead Reviewer



# Reviewing Reports: Submission Detail

The **Submission Detail** page provides access to submitted files and Cost and Schedule data extracts (if available).

Select **View Submission IPMRs** to see data extracts, charts, and data quality indicators.

### Submission Detail

**Program**  
Program Name: **Death Star Program**  
PNO: **001**  
Service: **NAVY**  
Commodity Group: **AIRCRAFT**  
Weapons System: **Aircraft**

**Contract**  
Contract: **N0000-00-0002**  
Reporting Contractor: **Rambo Systems**  
Division: **Awesome Weapon Development**  
Contractor Location:  
Cage Code: **DD0011**


**Submission**  
Submission ID: **25042**  
Effort: **AT'AT**  
Report Types: **Electronic Cost**  
Submission Status: **Published**

**Submission Information**  
Report Date: **1/28/2018**      Year: **2018**    Month: **1**  
Submission Date: **2/15/2018**      Submitter Name: **David Augsburger**  
Status Set Date: **4/20/2018**      Status Set By: **David Augsburger**  
Is Draft: **No**

**Files**   Reviewers   Comments

#### Submission Files

Cost

	File Name	File Type	Contains Format 5 Data	File Comment
	FmtFile_20180128-xsdCostSchedule.xml	Electronic Cost		

[View Submission IPMRs](#)

# Reviewing Reports: Submission IPMR

[Submission Detail](#) > Submission IPMR

The Submission IPMR page shows data extracted from the electronic files.

- Click the Quick Links to open:

- Data Quality Validation Report
- Performance Over Time Chart

- Values flagged by the Data Quality test are highlighted in red

- Data Quality issues listed in red

**Submission IPMR**

View	File Name	File Type	Component	First Period	Latest Period	Number of Periods	Has Final	Process File	File ID	Status	Error	Exclude	Admin Comment
	CPR Sample.xml	Electronic Cost		6/25/2010	6/25/2010	1	Yes		469	Not Processed		No	

**File Details**  
File Name: CPR Sample.xml  
File Type: Electronic Cost  
File Level: Total

**Navigate File Periods (1)**  
Report To: 6/25/2010  
Final IPMR: Yes

**Quick Links**  
[Data Quality Validation](#)  
[Performance Over Time](#)

**Current Period Information**  
Current Period: 6/25/2010  
Report From: 5/26/2010  
Report To: 6/25/2010  
Processed Date: 9/21/2015  
Source Data Type: IPMR XML, 9/30/2013 DEI  
File ID: 469  
File Name: CPR Sample.xml

**Report Information**  
Program Name: DeathStar  
Phase: RDT&E  
Contract: N0000-00-N-0000  
Contract Type: CPFF  
Contractor: Rambo Systems  
Maximum WBS Level: 7  
IPMR ID: 5079  
Final IPMR: Yes  
Remove Final IPMR

**Performance Measurement Baseline (PMB)**  
MR: \$128  
BAC: \$144,479  
EAC: \$144,479  
BCWS: \$144,479  
BCWP: \$91,492  
ACWP: \$127,196  
CPI: 0.719  
SPI: 0.920

**Over Target Baseline (OTB)**  
OTB Date: 1/16/2009  
BAC Adjustment: \$15,229  
SV Adjustment:  
CV Adjustment:  
MR Adjustment: \$601

**IPMR Header**  
Dollars in: Thousands  
Quantity: Contract Ceiling: \$95,338  
Share Above: Estimated Ceiling: \$95,438  
Share Below: Best Case EAC: \$147,181  
Original NCC: \$85,542  
Worst Case EAC: \$156,067  
NCC: \$86,962  
Most Likely EAC: \$147,829  
CBB: \$87,062  
Target Price: \$86,962  
TAB: \$102,892  
Estimated Price: \$87,062  
AUW: \$100

**IPMR Dates**  
Contract Start Date: 1/1/2007  
Contract Definition Date: 3/8/2007  
Planned Completion Date: 9/24/2010  
Contract Completion Date: 12/31/2008  
Estimated Completion Date: 8/18/2011

**DAMIR Validation Failures**  
There are no DAMIR validation failures in this submission.

**DAMIR Validation Warnings**  
Further warnings detected within the data.  
2 out of 148 WBS elements do not report a name  
1 out of 109 WBS element leaf nodes report Cumulative ACWP but not Cumulative BCWP

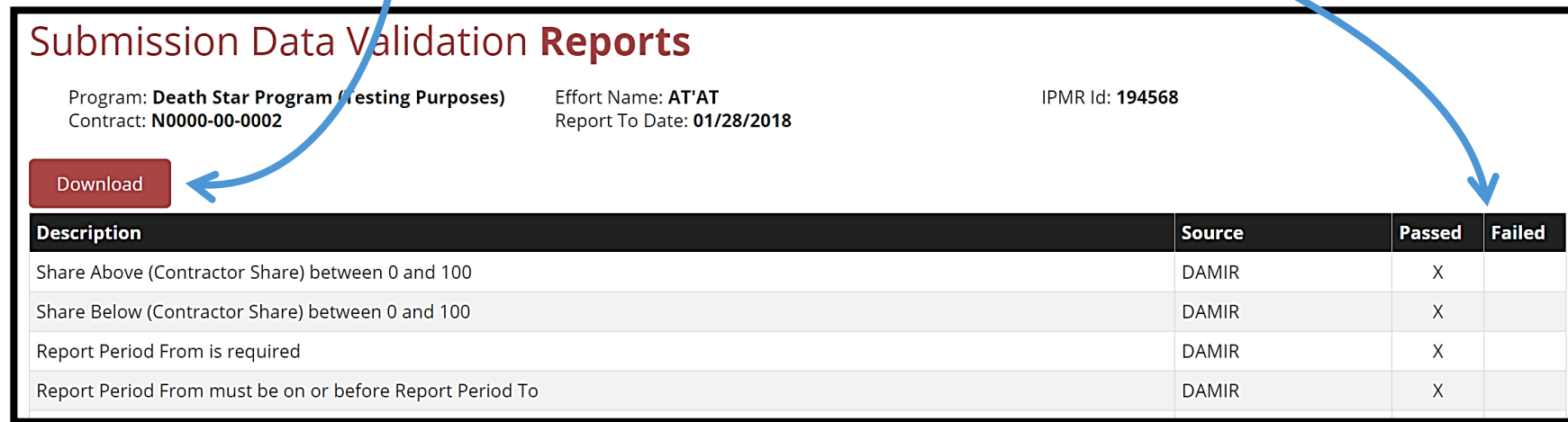
# Data Quality Validation Report

Quick Links  
→ [Data Quality Validation](#)  
→ [Performance Over Time](#)

[Submission Detail](#) > [Submission IPMR](#) > Data Quality Validation Report

The **Data Quality Validation Report** lists all data quality checks done on the Electronic Cost file.

- Indication of Pass / Fail for each check
- Option to download to Excel



**Submission Data Validation Reports**

Program: **Death Star Program (Testing Purposes)**      Effort Name: **AT'AT**      IPMR Id: **194568**  
Contract: **N0000-00-0002**      Report To Date: **01/28/2018**

[Download](#)

Description	Source	Passed	Failed
Share Above (Contractor Share) between 0 and 100	DAMIR	X	
Share Below (Contractor Share) between 0 and 100	DAMIR	X	
Report Period From is required	DAMIR	X	
Report Period From must be on or before Report Period To	DAMIR	X	

NOTE: this report is also available to Submitters during the submit process

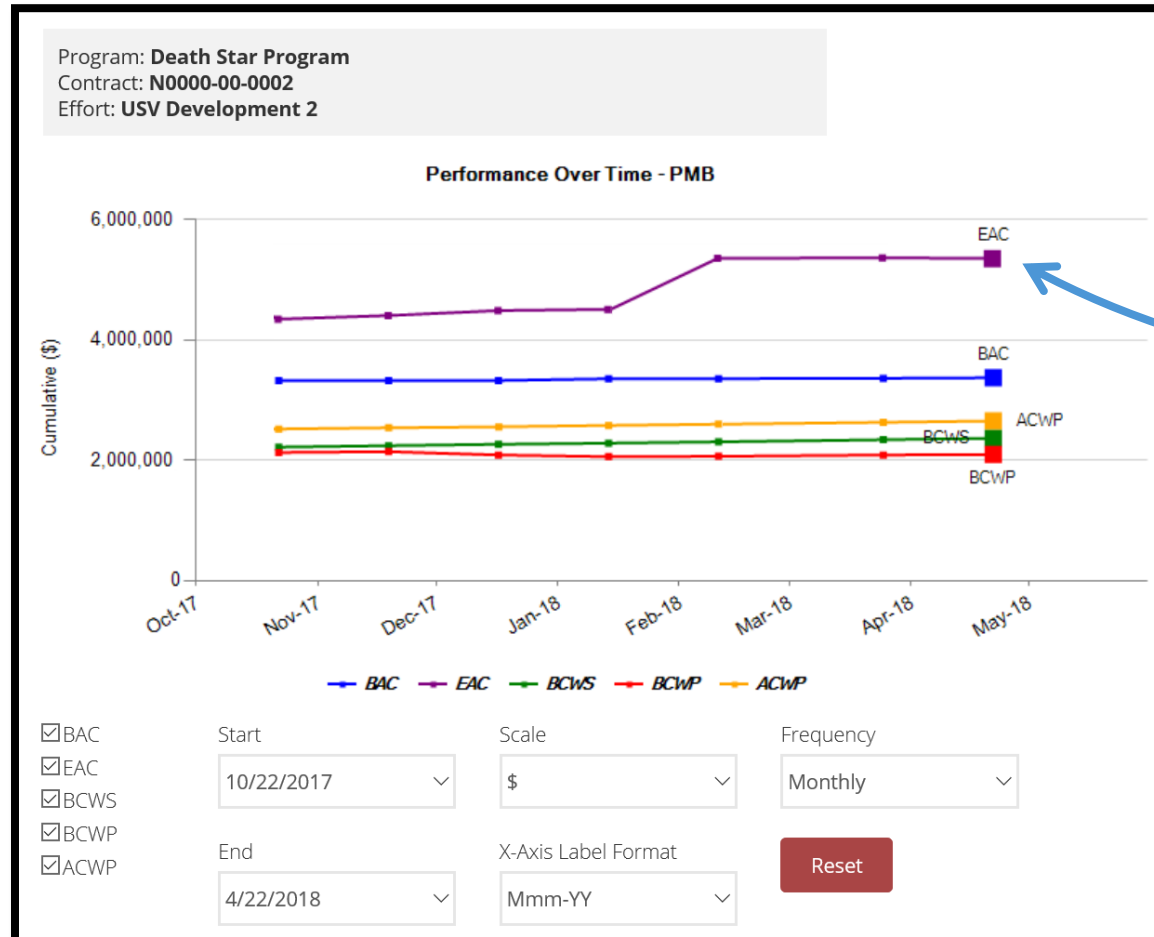


# Performance Over Time Chart

Quick Links

→ Data Quality Validation  
→ Performance Over Time

[Submission Detail](#) > [Submission IPMR](#) > Performance Over Time Chart



The Performance Over Time Chart provides a graphical representation of the submitted electronic cost data (IPMR or legacy CPR).

- Values for the currently selected submission shown as **large squares**
- Hover over any data point to see its underlying value

# Reviewing Reports: **Approval / Rejection**

Back on the **Submission Detail** page, you can **vote to approve or reject** the submission on the **Reviewers** tab.

1. Select your vote in the status dropdown
2. Add a comment if desired
3. Click Save

Reviewer	Organization	Role	Status	Status Date	Comment
Alex Walter	PARCA	Lead Reviewer	Pending		
Burt LeClercq	Tecolote	Lead Reviewer	Pending		
Eric Guerber	SPSG - Tecolote Research Inc.	Lead Reviewer	Pending		
Jen Horner	Tecolote Research, Inc.	Lead Reviewer	Pending		
Mary ActivityCollab	Some place	Reviewer	Pending		
Rebecca Fredericksen	Tecolote Research Inc	Lead Reviewer	Pending		
Reviewer Contractor	test	Reviewer	Pending		
Sam Land	Tecolote	Lead Reviewer	Pending		
Super Cool User 1	test	Lead Rev			

Save

Approved  
Conditionally Approved  
Rejected  
Pending

# Reviewing Reports: Submission Status Change

The submission status can be changed by Lead Reviewers to:

- Publish the submission
- Reject the submission
- Reset the status to Submitting (so it can be edited by the Submitter)

### Submission Detail

Back

**Program**  
Program Name: **Death Star Program**  
PNO: **001**  
Service: **NAVY**  
Commodity Group: **AIRCRAFT**  
Weapons System: **Aircraft**

**Contract**  
Contract: **N0000-00-0002**  
Reporting Contractor: **Rambo Systems**  
Division: **Awesome Weapon Development**  
Contractor Location:  
Cage Code: **DD0011**

**Submission**  
Submission ID: **25042**  
Effort: **AT\*AT**  
Report Types: **Electronic Cost**  
Submission Status: **Published**

**Submission Information**  
Report Date: **1/28/2018**      Year: **2018**    Month: **1**  
Submission Date: **2/15/2018**      Submitter Name: **David Augsburg**  
Status Set Date: **4/20/2018**      Status Set By: **David Augsburg**  
Is Draft: **No**


Files

Reviewers

Comments

#### Submission Files

Cost

File Name	File Type	Contains Format 5 Data	File Comment
 FmtFile_20180128-xsdCostSchedule.xml	Electronic Cost		

[View Submission IPMRs](#)

#### Reviewer

**Upload Files**

[ no files selected ] [Browse](#)

Caution: The total size of each file must be less than 300 mb

File Comments

<Comments>

Upload

#### Lead Reviewer Actions

[Set Status To Submitting](#)

[Alert Management Oversight](#)

[Publish Submission](#)

[Reject Submission](#)

Days To AutoPub: 5

#### Contact Information

Name: **David Augsburg**  
Phone: **(253) 555-1979**  
Fax:  
E-Mail: **david.a@tec.com**  
Submitter Comment:  
[View Submission History](#)

# Viewing Data

Photo credit: Colbey Livingston

# Viewing Data: Getting Started

View EVM data for a contract by accessing its **Contract Detail** page. Get there in 3 ways:

1. Under **My EVM**, select **Search Contracts** to filter through contracts. Select a contract number to reach its **Contract Detail** page.

Contract	Effort	Program Name	Contractor	Contractor Division	First Report Date	Last Report Date	Military Handbook	Weapon System Type	Service	Contract Type
N0000-00-0002	Multiple (13)	Death Star Program (Testing Purposes)	Rambo Systems	Awesome Weapon Development	3/25/2007	1/28/2018	AIRCRAFT	Aircraft	NAVY	CPAF
N0000-00-0002	Lighter	Death Star Program (Testing Purposes)	Rambo Systems	Awesome Weapon Development	7/4/2009	11/22/2016	AIRCRAFT	Aircraft	AIR FORCE	CPAF

2. Search for the right program from **Analyst Home**. Then from the **Program Detail** page, select the contract number from the list of contracts for that program.

Contract	Effort	Reporting Contractor	Reporting Division
N0000-00-0002	Multiple (3)	Rambo Systems	Weapon Development
N0000-00-0003	John's Deathstar	Rambo Systems	Weapon Development
N0000-00-0004	Epoch Test	Rambo Systems	Weapon Development
N00001-00-0001	Multiple (5)	Rambo Systems	Weapon Development

3. If the contract is one of your assigned contracts, its detail page can also be reached from **My Contracts**.



# Viewing Data: Contract Detail page

The **Contract Detail** page provides a centralized place to access a variety of information about the contract, including summary data, charts, reporting stream, etc.

The screenshot shows the 'Contract Detail' page header with the following information:

- Program: **Death Star Program**
- Contract: **N0000-00-0002**
- Reporting Contractor: **Rambo Systems**
- Division: **Weapon Development**
- Contract Type: **CPAF**
- Service: **NAVY**

Navigation buttons: Back, Prev, Next.

Menu items: Contract Summary, Data Views, Reviewers & Submitters, Received Submissions, Contract Attachments, Reporting Stream, Comments, **Actions**, Links.

The **Actions** dropdown menu contains the following items with callouts:

- > View IPMR Cost Data Report → Grid view of level one IPMR cost data
- > Download IPMR Data Package → Download all IPMR cost data in one package
- > View Data Quality Issues → Table of data quality issues
- > Report Data Quality Issue → Form for reporting data quality issues



# Data Quality: IPMR Cost Data Report

Actions ▾

- > View IPMR Cost Data Report
- > Download IPMR Data Package
- > View Data Quality Issues
- > Report Data Quality Issue

The **IPMR Cost Data Report** provides a grid view of level one IPMR Cost data for all time periods. Here you can:

1. View the data as a table
2. Download the data to Excel
3. Report data quality issues to the Help Desk
4. View the data as a chart

2

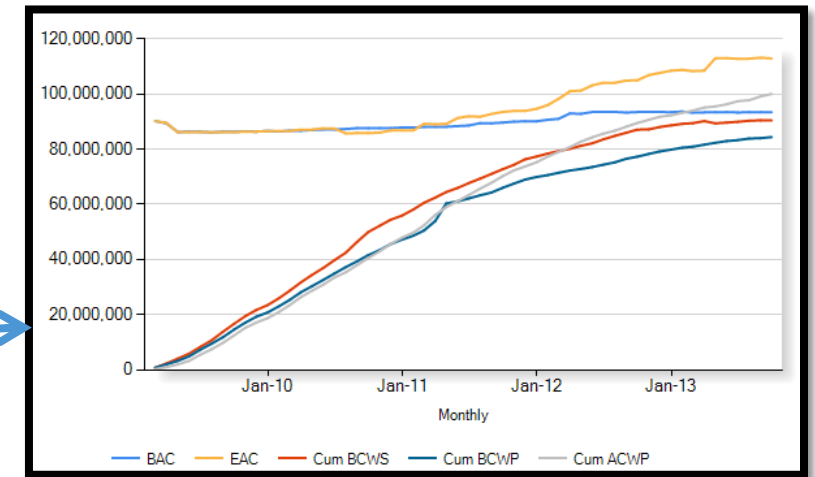
Export

3

Report Data Issue

4

View Performance Over Time Chart



1	Month	Year	Report Date	Report From	Contract Start Date	Contract Definitization Date	Completion Date	Estimated Completion Date	Planned Completion Date	Quantity	Share Above	Share Below	Original NCC	NCC	Most Likely EAC	Best Case EAC	Worst Case EAC	Target Price	Estimate Price
	Feb	2009	2/28/2009	2/1/2009	1/31/2009	12/21/2008	8/30/2013	8/30/2013		2									
	Mar	2009	3/31/2009	3/1/2009	1/31/2009	12/21/2008	8/30/2013	8/30/2013		2									
	Apr	2009	4/30/2009	4/1/2009	1/31/2009	12/21/2008	8/30/2013	8/30/2013		2									

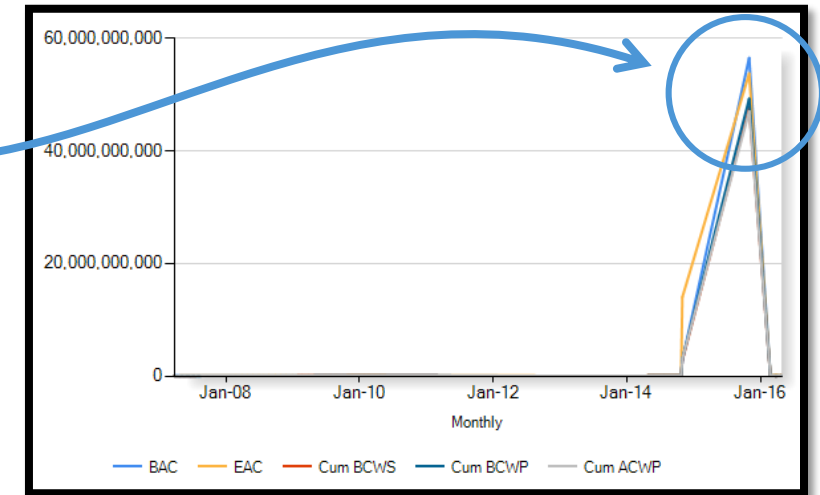
# Data Quality: Issues to Report

Actions ▾

- > View IPMR Cost Data Report
- > Download IPMR Data Package
- > View Data Quality Issues
- > Report Data Quality Issue

Look for the following to check data quality:

- Inspect the Performance Over Time Chart for anomalies
- Review data for **trends**: compare single periods to previous periods



<div>Export</div> <div>Report Data Issue</div> <div>View Performance Over Time Chart</div>																
Month	Year	Report Date	Report From	Contract Start Date	Contract Definition Date	Completion Date	Estimated Completion Date	Planned Completion Date	Quantity	Share Above	Share Below	Original NCC	NCC	Most Likely EAC	Best Case EAC	Worst Case EAC
Feb	2016	2/24/2016	1/26/2016	1/1/2014	1/1/2014	12/31/2018	12/31/2018	12/31/2018				85,542,000	86,962,000	147,829,100	147,181,100	156,066,500
Mar	2016	3/24/2016	2/26/2016	1/1/2014	1/1/2014	12/31/2018	12/31/2018	12/31/2018				85,542,000	86,962,000	147,829,100	147,181,100	156,066,500
Dec	2016	12/25/2016	11/26/2016			3/26/2010	3/26/2010					57,444,702,000	57,411,793,320	49,948,260,188	70,616,505,000	

# Data Quality: Reporting an Issue

- > View IPMR Cost Data Report
- > Download IPMR Data Package
- > View Data Quality Issues
- > Report Data Quality Issue

Provide as much information as possible when reporting a data quality issue.

If it's a complicated issue or difficult to explain, upload a file to illustrate.

Enter Data Quality Issue

Effort Name: Y-Wing

Reporting Periods:

3/25/2007

▼

To

3/25/2007

▼

Fields(s):

Contractor,BAC,EAC,etc...

Description of Issue:

The maximum file upload size is 300mb

Attach Document:

[ no files selected ]

Browse

Submit

# Viewing Data: Contract Summary

Contract Summary

Data Views

Reviewers & Submitters

Received Submissions

Contract Attachments


Reporting Stream

Comments

Actions ▾

Links ▾

The first tab of **Contract Detail** contains a high-level summary of that contract's data.

List of contract efforts. Select the  next to an effort to update the page with data on that effort.

Effort	Effort Number
 XLV Phase 1	2
 USV Development 1	0
 USV Development 2	1

## DAU Gold Card Metrics (Whole Dollars)

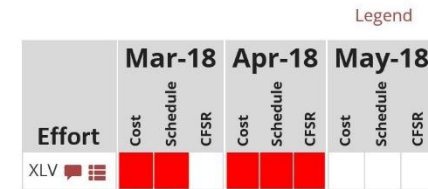
### Key Metrics

BCWS	99,434,974
BCWP	91,491,874
ACWP	127,196,129
BAC	102,334,112
EAC (reported)	144,479,016
EAC (cpi)	142,269,497
EAC (composite)	143,578,130
% Schedule	97.17
% Complete	89.41
% Spent	124.29
TCPI eac	0.63

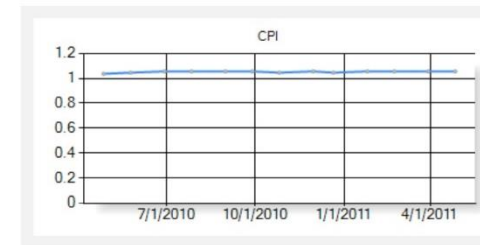
### Variances

Cost Variance	-35,704,255
Schedule Variance	-7,943,100
Variance at Complete	-42,144,904
CV %	-39.02
SV %	-7.99

Cost Performance Index (CPI) and Schedule Performance Index (SPI) charts



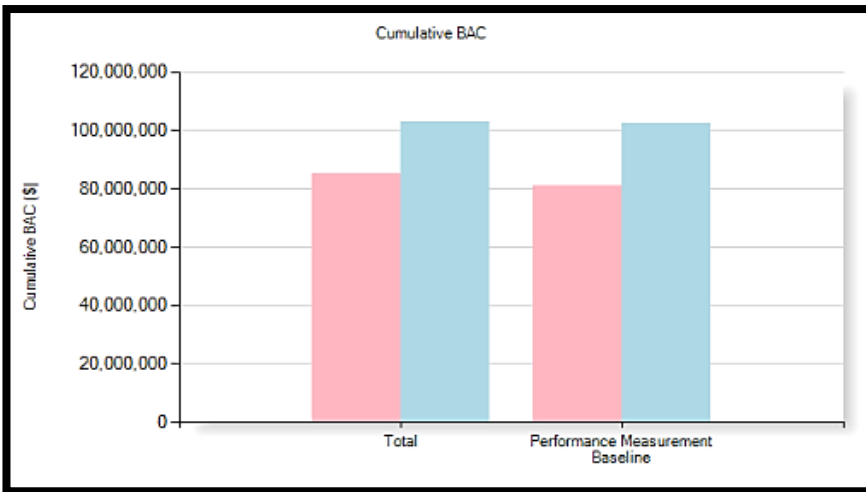
Reporting Compliance scores for last 3 months



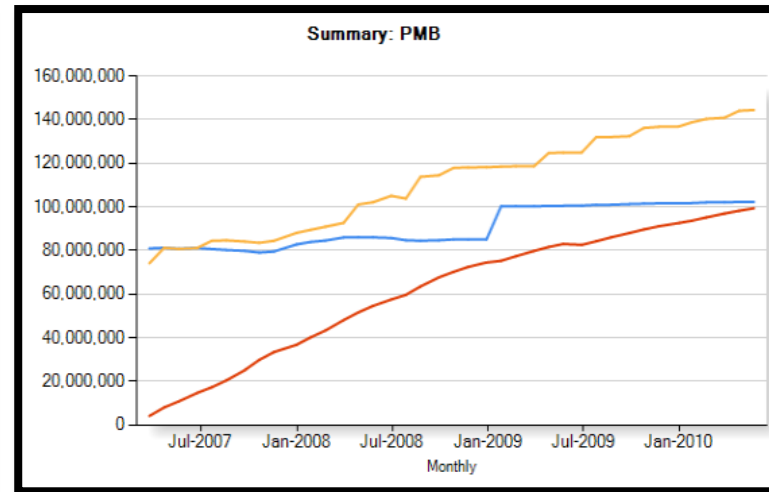
# Viewing Data: Data Views

Contract Summary **Data Views** Reviewers & Submitters Received Submissions Contract Attachments Reporting Stream Comments Actions ▾ Links ▾

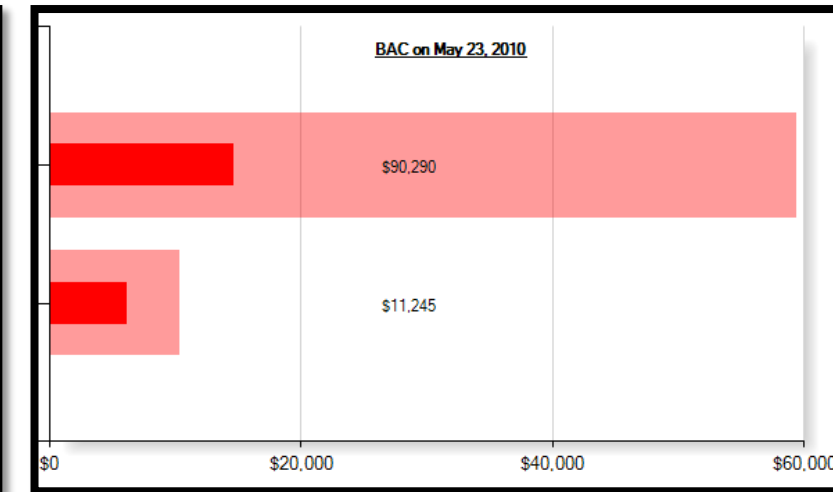
The **Data Views** tab displays charts for the selected contract effort.



**Element Performance Comparison**  
Compares WBS elements using a variety of metrics (BAC, BCWP, CPI, etc.)



**Performance Over Time**  
Plots BAC, EAC, and BCWS over time














**Budget Shifting**  
Compares WBS elements by change in BAC/EAC

# Viewing Data: Reviewers & Submitters

Contract Summary   Data Views   **Reviewers & Submitters**   Received Submissions   Contract Attachments   Reporting Stream   Comments   Actions ▾   Links ▾

The **Reviewers & Submitters** tab shows all users assigned to the contract and their roles.

Contract Reviewers					Contract Submitters		
	Reviewer Name	Organization	Role	NDA Status		Submitter Name	Organization
	George Lucas	Lucasfilm Ltd	Lead Reviewer	Not Required		John Williams	Orchestra Inc
	Gary Kurtz	20th Century Fox	Lead Reviewer	Not Required		Gilbert Taylor	Galactic Empire
	Mark Hamill	SkyWalk LLC	Lead Reviewer	Not Required		Paul Hirsch	20CFOX
	Harrison Ford	Hans-Solo Inc	Reviewer	Not Required		Marcia Lucas	Rebel Avionics
	Carrie Fisher	Prin Cess Company	Reviewer	Not Required			
	Peter Cushing	Tarkin	Reviewer	Not Required			
	Alec Guinness	Obi Wan Works	Reviewer	Not Required			
<a href="#">Manage Contract Reviewers</a>					<a href="#">Manage Contract Submitters</a>		

Users assigned as Lead Reviewer(s) will have the option to [manage the reviewers and submitters](#) for the contract.



# Viewing Data: Received Submissions

Contract Summary Data Views Reviewers & Submitters **Received Submissions** Contract Attachments Reporting Stream Comments Actions Links

The **Received Submissions** tab lists all published submissions on the contract.

Effort filter: shown only when the contract has multiple efforts

Report categories:

- Electronic Cost
- Human Readable Cost
- CFSR
- Format 6
- Native Schedule
- Format 7
- History

Submission ID	Report Category(s)	Effort	Admin Files	Report Date	Submission Date	Status Date	Status
9765	Electronic Cost	AT-AT	No	4/30/2018	5/14/2018	5/14/2018	Pending
9747	Human Readable Cost	Y-Wing	No	3/20/2018	3/20/2018	3/31/2018	Published
9741	Electronic Cost	AT-AT	No	1/27/2018	2/15/2018	2/27/2018	Published
9740	CFSR	AT-AT	No	2/27/2018	2/27/2018	2/27/2018	Published
9704	Electronic Cost, Human Readable Cost	Y-Wing	No	4/30/2018	2/2/2018	5/11/2018	Published
9681	CFSR	AT-AT	No	11/1/2015	10/13/2017	10/13/2017	Rejected

Select an ID# to see the Submission's **Detail** page, download files, and view data extracts.

# Viewing Data: Contract Attachments

Contract Summary   Data Views   Reviewers & Submitters   Received Submissions   **Contract Attachments**   Reporting Stream   Comments   Actions ▾   Links ▾

The **Contract Attachments** tab contains any files relevant to the contract and reporting requirements (Form DD-1423 contract CDRL documents, contract reporting changes, etc).

CDRL Attachment							
CDRLs	Effort	File Comment	Cost	Schedule	CFSR	Upload Date	Upload By
<a href="#">CDRL Y-Wing IPMR Cost.pdf</a>	All	CPR CDRL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9/21/2009	

Other Attachment

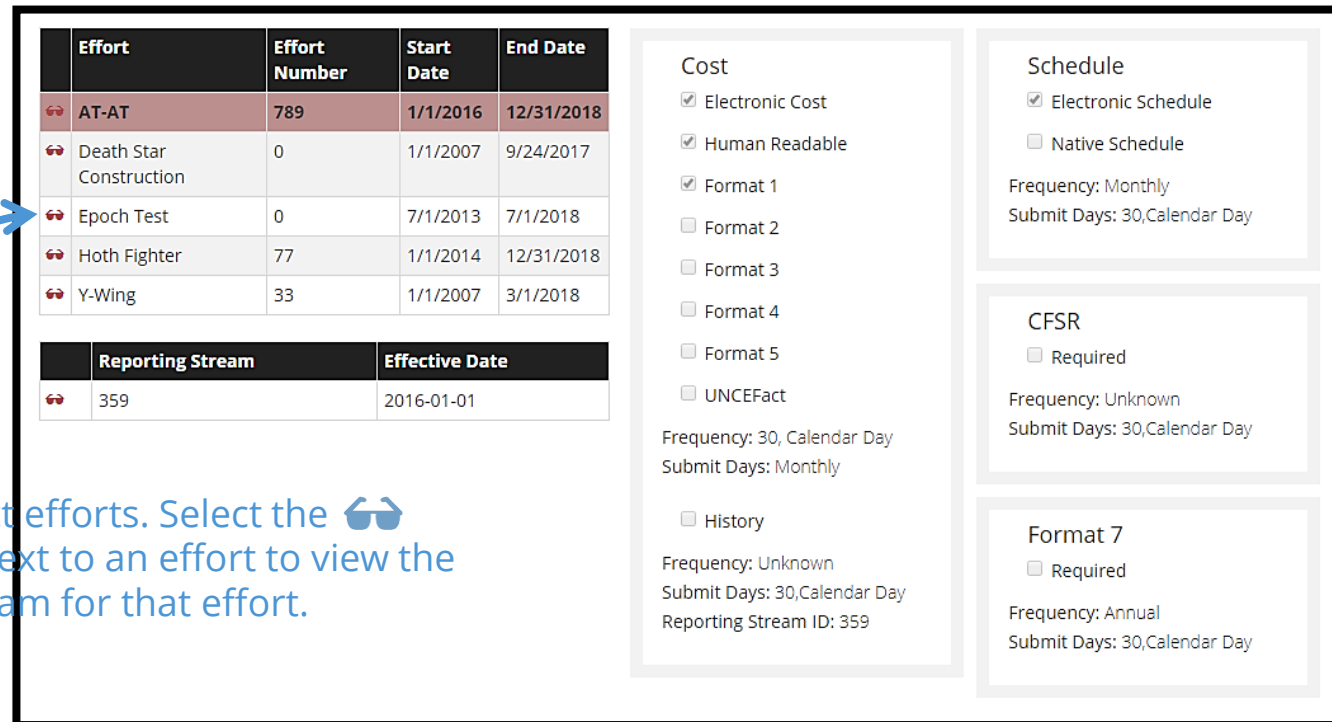
File Name	File Comment	Upload Date	Upload By
<a href="#">CDRL Y-Wing IPMR Schedule.pdf</a>	Final	9/21/2009	

Click to download file

# Viewing Data: Reporting Stream

Contract Summary Data Views Reviewers & Submitters Received Submissions Contract Attachments **Reporting Stream** Comments Actions Links

The **Reporting Stream** tab shows the reporting requirements for each contract effort, which are based on contract CDRL requirements.



The screenshot displays the 'Reporting Stream' tab with a table of contract efforts and their reporting requirements. A blue arrow points to the 'AT-AT' effort in the table.

	Effort	Effort Number	Start Date	End Date
	AT-AT	789	1/1/2016	12/31/2018
	Death Star Construction	0	1/1/2007	9/24/2017
	Epoch Test	0	7/1/2013	7/1/2018
	Hoth Fighter	77	1/1/2014	12/31/2018
	Y-Wing	33	1/1/2007	3/1/2018

	Reporting Stream	Effective Date
	359	2016-01-01

**Cost**

- ☒ Electronic Cost
- ☒ Human Readable
- ☒ Format 1
- ☐ Format 2
- ☐ Format 3
- ☐ Format 4
- ☐ Format 5
- ☐ UNCEFact

Frequency: 30, Calendar Day  
Submit Days: Monthly

☐ History  
Frequency: Unknown  
Submit Days: 30, Calendar Day  
Reporting Stream ID: 359

**Schedule**

- ☒ Electronic Schedule
- ☐ Native Schedule

Frequency: Monthly  
Submit Days: 30, Calendar Day

**CFSR**


- ☐ Required

Frequency: Unknown  
Submit Days: 30, Calendar Day

**Format 7**

- ☐ Required

Frequency: Annual  
Submit Days: 30, Calendar Day

List of contract efforts. Select the  glasses icon next to an effort to view the reporting stream for that effort.

# Compliance

Photo credit: Timothy Schumaker

# Compliance: Reporting Compliance Report

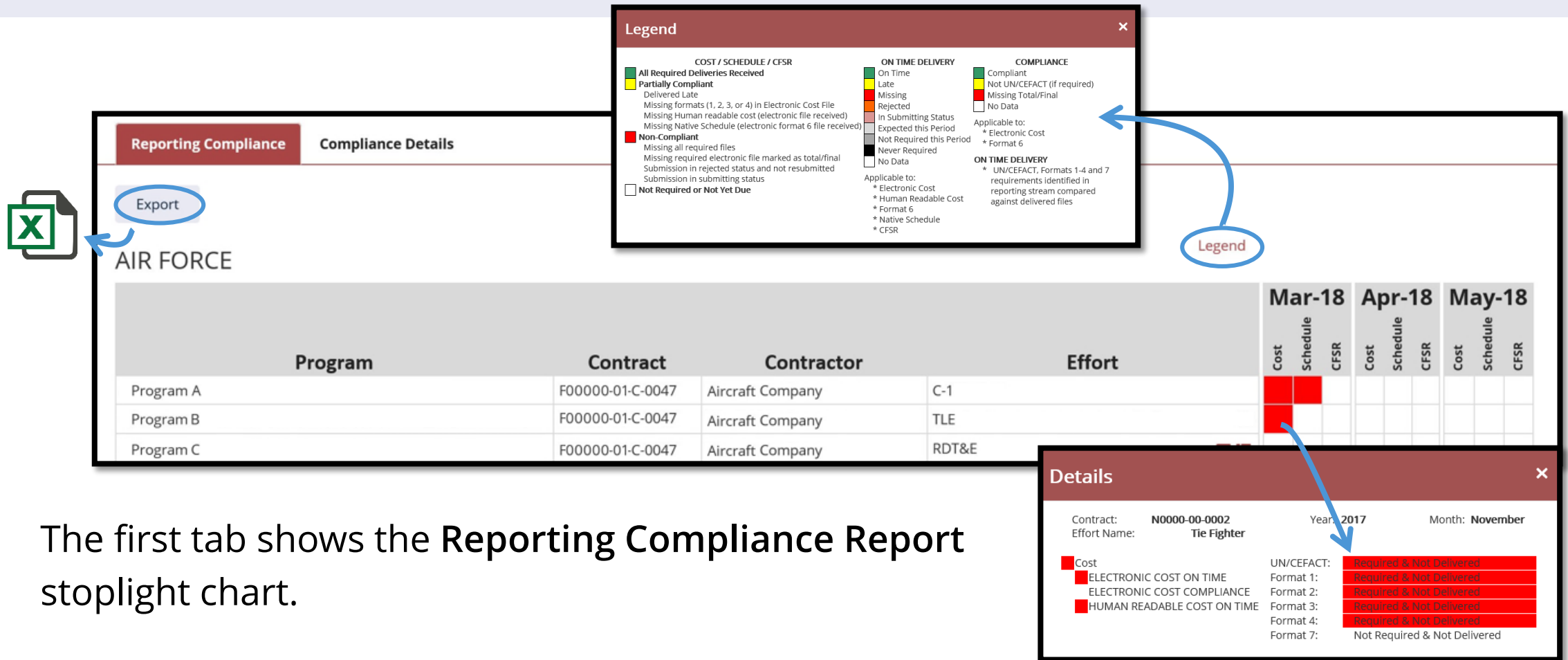
Located under **My EVM > Reports & Metrics**, the **Reporting Compliance Report (RCR)** provides a standard stoplight chart view of delivery status of required EVM reports.

The screenshot illustrates the Reporting Compliance Report (RCR) interface. On the left, the 'My EVM' menu is visible, with 'Reports & Metrics' highlighted. Below it, the 'Reports & Metrics' section lists several options, with 'Reporting Compliance - compa' circled in blue. The main content area shows a form titled 'Please choose the last time period for reporting (reports are given in a 3 month span)'. It includes radio buttons for 'Service' (selected), 'Program', 'Commodity Group', 'Contractor', 'DAES Group', and 'ACAT'. A dropdown menu is set to 'AIR FORCE'. A red 'Generate' button is circled in blue, with an arrow pointing to the stoplight chart on the right.

Effort	Cost			Schedule			CFSR		
	Cost	Schedule	CFSR	Cost	Schedule	CFSR			
AT-AT	Red	Red		Yellow	Yellow				
Epoch Test	Green	Green		Green		Red			
Hoth Fighter	Green			Green	Green				
Y-Wing	Green	Green		Green	Green	Green			




# Compliance: Reporting Compliance Report



The first tab shows the Reporting Compliance Report stoplight chart.



# Compliance: Reporting Compliance Report



Reporting Compliance

Compliance Details

Export

M/Y	PROGRAM	CONTRACTOR	SERVICE	CONTRACT	EFFORT	ISSUE	FILE	DESCRIPTION / ACTION
JAN-18	Death Star Program (Testing Purposes)	Rambo Systems	NAVY	N0000-00-0002	AT-AT	MISSING	Electronic Cost	Not submitted
JAN-18	Death Star Program (Testing Purposes)	Rambo Systems	NAVY	N0000-00-0002	AT-AT	MISSING	Format 6	Not submitted
JAN-18	Death Star Program (Testing Purposes)	Rambo Systems	NAVY	N0000-00-0002	AT-AT	MISSING	Native Schedule	Not submitted
JAN-18	Death Star Program (Testing Purposes)	Rambo Systems	NAVY	N0000-00-0002	AT-AT	MISSING	CFSR	Not submitted
JAN-18	Death Star Program (Testing Purposes)	Rambo Systems	NAVY	N0000-00-0002	AT-AT	MISSING	Format 7	Not submitted

The second tab shows a detailed list of all issues contributing to the compliance ratings.

# Compliance: Program Review Report

Also in My EVM > Reports & Metrics, the **Program Review Report** displays program scores from quarterly AAP reviews of Reporting Compliance and Data Quality.

Enter report criteria and click 'Generate'

Service	Commodity Group	DAES Group	ACAT	Contractor
All	All	C	All	<Contractor>

Generate Clear Export



Program Review																				
Program	DAES Group	ACAT	Title	Finalized Date	Overall Review Score	Reporting Compliance	Cost	Electronic Cost	UN/CE Fact	Business Rules	Human Readable Cost	CFSR	Schedule	Native Schedule	IPMR Schedule	Format 7	History	Data Quality	Cost	Schedule
AAA - Radar Program	C	IC	DAES GROUP C FEB 2018	2/2/2018																
AAB - Space Program	C	IAM	AF IPPS - DAES Group C	2/1/2016																
AAC - Helicopter Program	C	IC	DAES GROUP C FEB 218	2/2/2018																
AAH - Aircraft Carrier Program	C	ID	DAES GROUP C FEB 2018	2/2/2018																



# Questions?

Jen Horner

jhorner@tecolote.com (253) 564-1979 x4910

*Photo credit: Master Sgt. Angelita M. Lawrence*



# Additional Slides



*Photo credit: Jake Cannady*





# Why is my XML file not UN/CEFACT Compliant?

Program	Contract	Contractor	Service	Effort	Mar-18			Apr-18			May-18		
					Cost	Schedule	CFSR	Cost	Schedule	CFSR	Cost	Schedule	CFSR
Death Star Program	N00001-00-0001	Rambo Systems	DOD	AT-AT									

- When exporting your IPMR data into XML format for EVM-CR delivery, be sure to click the [Convert Export File to UN/CEFACT XML](#) box. This will ensure your file meets UN/CEFACT compliance and is credited accordingly in the EVM-CR.
- If you have components, don't forget to mark your UN/CEFACT XML Electronic Cost as Total (and Final if there are multiple Totals) in the EVM-CR.

Export File

Contract

- FY15 CMC- Manual
- FY15 COMMON MISSILE COMPART
- FY15 P&DSS
- FY15w/w FY15 PDSS TESTc
- FY16 PDSS**
- FY16 PDSSold
- LE08DEVECR
- LE08PRDECR
- LE09DEVECR

Period(s)

- FEB 16
- JAN 16**
- DEC 15

Export Name: FY16 PDSS

Format: XML

Export File: [Empty field]

☐ Convert Export File to UN/CEFACT XML (Formats 1-5)

☐ Convert Export File to UN/CEFACT XML (Format 7)

UN/CEFACT Options



Buttons: OK, Cancel, Options, Rollup, Default, Browse



# What are Total and Component files?

## Total

- Total files contain a **complete data report** for the entire Effort they are submitted against.
- Electronic Cost IPMR XML files delivered to the EVM-CR must be labeled by the submitter as Total/Final, using the “Mark as Final” designation.
- If multiple Electronic Cost IPMR XML files are delivered in a single submission, one must be labeled Total/Final manually by the submitter. Only Total/Final files will show published data.

Uploaded Files					
Cost					
	File Name	File Type	File Level	Source File Type	Mark as Final
	CLIN 0099 Death Star.xml	Electronic Cost	Total	IPMR XML, 9/30/2013 DEI	<input checked="" type="checkbox"/>
	TOTAL Death Star.xml	Electronic Cost	Total	IPMR XML, 9/30/2013 DEI	<input type="checkbox"/>

## Component

- Component files contain a **subset of data** for the Effort they are submitted against.
- For example, a component-level file may contain only a single CLIN of data representing a portion of the total effort. Component files must be labeled “Component” by the submitter during upload using the dropdown, and marked as Final.

Upload

Unclassified Documents Only

no files selected 1

Browse

Caution: The total size of each file must be less than 300 mb

File Comments

<Comments>

Component

Upload

# My Contract/Effort has not started reporting yet. Why am I red for compliance?

					Mar-18			Apr-18			May-18		
Program	Contract	Contractor	Service	Effort	Cost	Schedule	CFSR	Cost	Schedule	CFSR	Cost	Schedule	CFSR
Death Star Program	N00001-00-0001	Rambo Systems	DOD	AT-AT	Red	Red		Yellow	Yellow				

Reporting ratings are based off CDRLs and written direction from the program office. When a contract is first established in the EVM-CR, the program office dictates start and stop dates for CDRL delivery. Programs are rated for compliance according to those dates. If your program is receiving red compliance ratings before you are ready to begin submitting, **notify your program office to authorize an updated start date.**

For example, in the above graphic, if your program is not intending to submit files to the EVM-CR until April 2018, but your program office delivered us a start date of January 2018, the system will read as non-compliant January through March.

Contractors are encouraged to reach out to the EVM-CR support team directly with questions.

# What files do I need to deliver?

Contract Summary Data Views Reviewers & Submitters Received Submissions Contract Attachments **Reporting Stream** Comments Actions ▾ Links ▾

On the **Contract Detail** page, go to the **Reporting Stream\*** tab to view your required EVM-CR deliverables.

## **ELECTRONIC COST**

- IPMR Format 1-4 XML UN/CEFACT

## **HUMAN READABLE COST**

- IPMR Format 1-4 in contractor format (PDF, Excel, etc)
- IPMR Format 5 in contractor format

## **FORMAT 6**

- IPMR Format 6 XML UN/CEFACT
- Integrated Master Schedule

## **HUMAN READABLE COST**

- IPMR Format 6 in contractor format
- Project, Primavera, Open Plan, etc.
- Integrated Master Schedule

## **FORMAT 7**

- IPMR Format 7 XML UN/CEFACT
- Required annually per IPMR DID

## **HISTORY**

- History XML
- Only for programs reporting according to old CPR DID

## **CFSR**

- Contract Funds Status Report in contractor format (PDF, Excel, etc)
- No XML delivery for CFSR documents

\*The Reporting Stream is based on the CDRLs on file from the program office.

# Why can't I find my contract in Upload Home?

**If you're assigned to a specific Program as a Submitter, and your contract is not listed for you on the Upload Home page to Start a New Submission on Effort:**

- A. The effort has reached its End Date. Once a contract effort has reached the End Date as dictated by the Program Office, submitters will not be allowed to submit. Contact your program office POC and they can request to extend the reporting dates in the EVM-CR.
- B. The effort has not been established yet. It's the duty of the program office's to request a new contract setup in the EVM-CR. Once established, you will be listed as a Submitter upon program office request.

If you do not hold an active EVM-CR account, visit <http://cade.osd.mil/> and click the Request CADE Account link in the top right corner (CAC or DoD Approved PKI/Certificate required).

Call the EVM-CR help desk with questions: (253) 564-1979 Ex. 1

# Report Date vs. Submission Date: What is the difference?

## Report Date

Represents the As-of-Date of the data, and is the same date as Box 4.B (Report Period To) located on an IPMR Format 1. If your delivered file contains February month-end IPMR data, representing data from Feb 1st through Feb 28th 2016, then your Report Date in the EVM-CR should read 02/28/2016.

Report date is automatically set by the EVM-CR if your submission contains an Electronic Cost XML file. The system reads the Report Date reported in the XML file and tags the entire submission with that date.

If your submission does not contain an Electronic Cost XML file, the Submitter needs to manually set the Report Date. The Submitter should match the date from Box 4.B (Report Period To) of the IPMR Format 1.

## Submission Date

Represents the date a Submitter uploaded the submission to the EVM-CR

Delivery on-time compliance is rated, per the contact CDRL on file, by calculating the number of calendar or working days between last month's accounting month-end and this month's submission. Files will be marked late (yellow) for compliance if their submission is uploaded after this window, as defined by the CDRL on file.



# Industry Reviewer Role

The purpose of the new **Industry Reviewer** Role is to provide industry corporate focal points with insight into the reports delivered by their corporations into the EVM Central Repository.

- Industry Reviewers have the EVM Submitter role in the EVM-CR system, which gives them access to their organization's submissions.

## Reporting Compliance

Effort	Mar-18			Apr-18			May-18		
	Cost	Schedule	CFSR	Cost	Schedule	CFSR	Cost	Schedule	CFSR
AT-AT	Red	Red		Yellow	Yellow				
Epoch Test	Green	Green		Green		Red			
Hoth Fighter	Green			Green	Green				
Y-Wing	Green	Green		Green	Green	Green			
Melissa Test	Red	Red		Green	Red	Red			
John's Deathstar	Green			Red					
Epoch Test	Green	Yellow		Yellow	Red	Red			

## Data Quality

Description	Passed	Failed
Share Above (Contractor Share) between 0 and 100	X	
Share Below (Contractor Share) between 0 and 100	X	
Report Period From is required	X	
Report Period From must be on or before Report Period To	X	

## Download Reports

### Submission Files

Cost

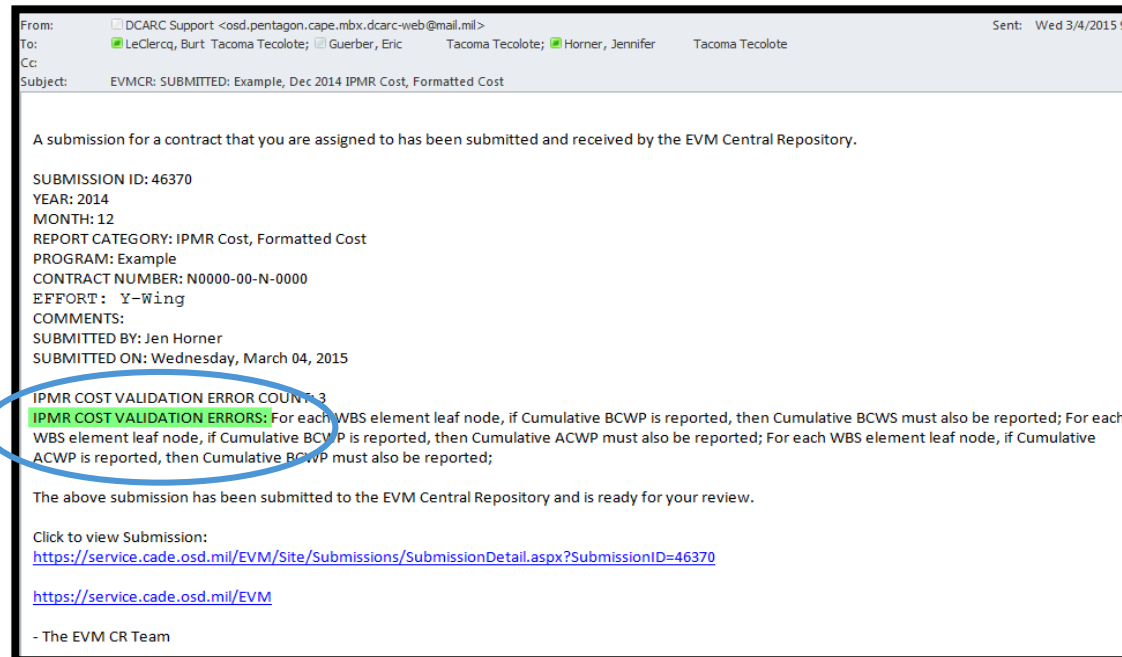
	File Name	File Type	Contains Format 5 Data	File Comment
	FmtFile_20180128-xsdCostSchedule.xml	Electronic Cost		

[View Submission IPMRs](#)

# Submission Confirmation Email

- When a Submitter uploads a Submission to your assigned contract, all Reviewers and Submitters assigned to the contract will receive an e-mail notification, sent to the e-mail address you have supplied in your user profile.
- When an Electronic file is contained in the submission, you will also see validation errors and warnings in the e-mail message.

Validation errors  
and warnings





# Desktop Tools

*Photo credit: Kenneth Abbate*



Office of Acquisition, Analytics and Policy (AAP)

# EVM-CR Time Table

Time table constructed from monthly submissions

## Contract Detail

Program: **Death Star Program (Testing Purposes)**  
Contract: **N0000-00-0002**

Reporting Contractor: **Rambo Systems**  
Division: **Awesome Weapon Development**

Contract Type: **CPAF**  
Service: **NAVY**

Contract Summary Data Views Reviewers & Submitters **Received Submissions** Contract Attachments Reporting Stream Comments

### Filters

Effort

All

Report Type

All

Submission Status

All

Submission ID	Report Category(s)	Effort	Contains Admin Files	Report Date	Submission Date	Status Date	Status
25042	Electronic Cost	AT'AT	No	1/28/2018	2/15/2018	4/20/2018	Published
25038	Electronic Cost	Y-Wing	No	3/25/2007		3/21/2018	Submitting
25035	Electronic Cost	Y-Wing	No	7/25/2013	3/8/2018	4/3/2018	Published
25034	Human Readable Cost	Y-Wing	No	1/25/2018	2/15/2018	7/2/2018	Submitting
25024	Electronic Cost	Millennium Falcon	No	12/24/2017	2/2/2018	3/8/2018	Submitting
25015	Electronic Cost	Y-Wing	No	12/24/2017	1/24/2018	2/4/2018	Published

Effort Files	Submission Files					
Periods/Submission ID	13067	24288	24327	24413	24420	24485
08/29/2004	192459*					
09/26/2004	192460*					
10/31/2004	192461*					
11/28/2004	192462*					
12/26/2004	192463*					
01/30/2005	192464*					
02/27/2005	192465*					
03/27/2005	192466*					
04/24/2005	192467*					
05/29/2005	192468*					
06/26/2005	192469*					
07/31/2005	192470*					
08/28/2005	192471*					
09/25/2005	192472*					
10/30/2005	192473					194514*
11/27/2005	192474					194515*
12/25/2005	192475					194516*
01/29/2006	192476					194517*
02/26/2006	192477					194518*
03/26/2006	192478					





# Downloading IPMR Packages

## Contract Detail

Program: **Death Star Program (Testing Purposes)**  
Contract: **N0000-00-0002**

Reporting Contractor: **Rambo Systems**  
Division: **Awesome Weapon Development**

Contract Type: **CPAF**  
Service: **NAVY**

**Contract Summary** | Data Views | Reviewers & Submitters | Received Submissions | Contract Attachments | Reporting Stream | Comments | **Actions** | Links

Effort	Effort Number
AT'AT	999
AT-AT Junior	99
AT-TE Walker	66
DS_Task_2	5
Imperial Shuttle	99
KG-!@#\$\$%^&*()_+`-=[]\{} ;':",./<>?	
Kings Task	
Lambda Shuttle	-1
Millennium Falcon	44
Scout Walker	99
Task 1	0
X-Wing	34
Y-Wing	33

### DAU Gold Card Metrics (Whole Dollars)

Key Metrics	
BCWS	6,234,120
BCWP	10,949,920
ACWP	10,328,040
BAC	264,178,350
EAC (reported)	263,678,480
EAC (cpi)	249,174,840
EAC (composite)	146,310,733
% Schedule	2.36
% Complete	4.14
% Spent	3.91
TCPI eac	1.00

Variances	
Cost Variance	621,880
Schedule Variance	4,715,800
Variance at Complete	499,870
CV %	5.68
SV %	75.64

**Actions**

- > View IPMR Cost Data Report
- > **Download IPMR Data Package**
- > View Data Quality Issues
- > Report Data Quality Issue
- > Reporting Compliance Report

**WinZip - 2259.zip**

File | Home | Backup | Tools | Settings | Layout | Help | Upgrade

Compress | Filter | Encrypt | Attach to E-mail | FTP Upload | Burn CD/DVD | Convert Zip File | 1-Click Unzip | Unzip | Unzip and Install | Unzip Options | Unzip Entire WinZip | Decompress

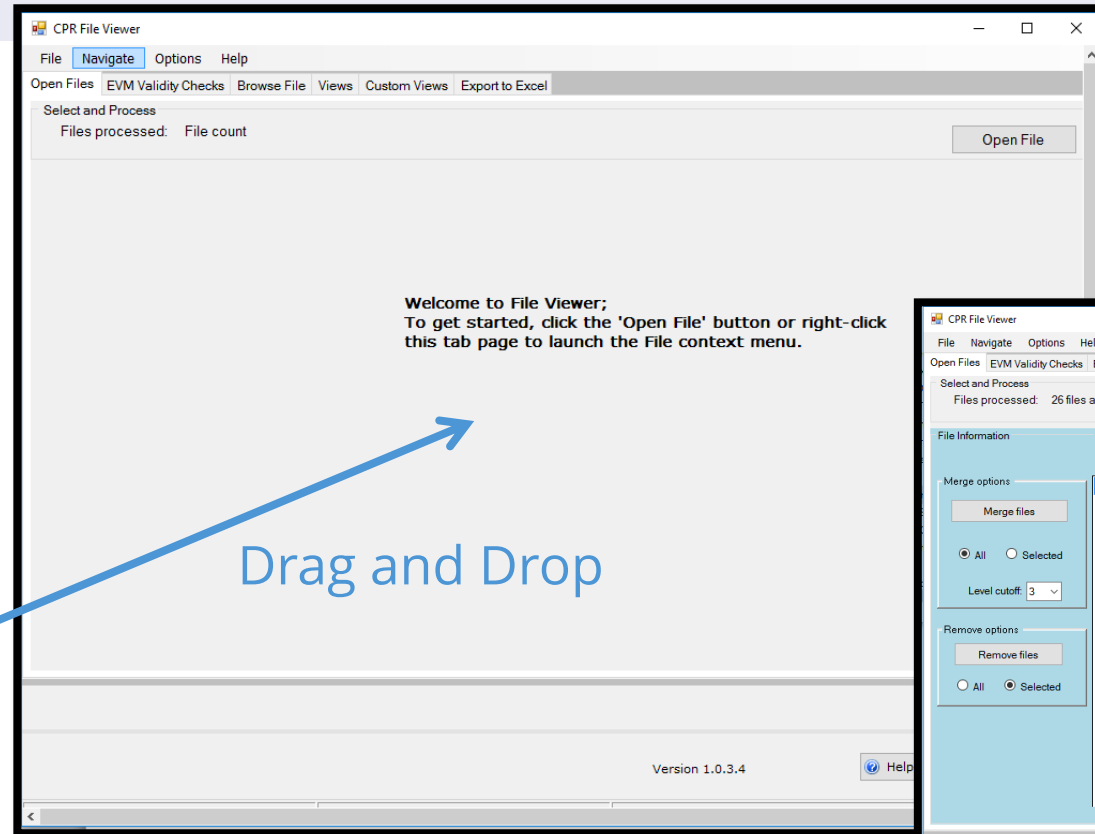
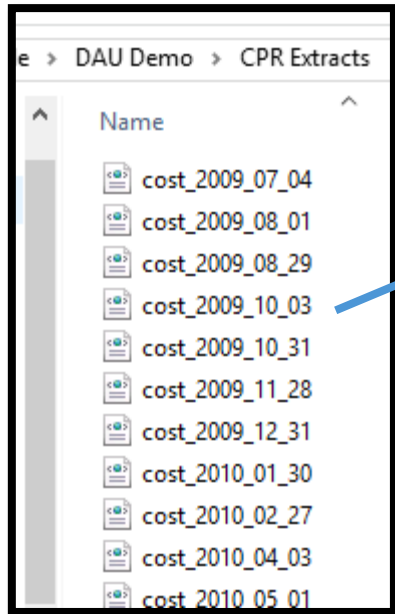
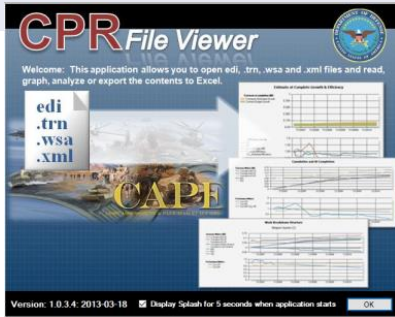
Address: \

Folders: [2259.zip] | CPR | program\_milestones | TPC

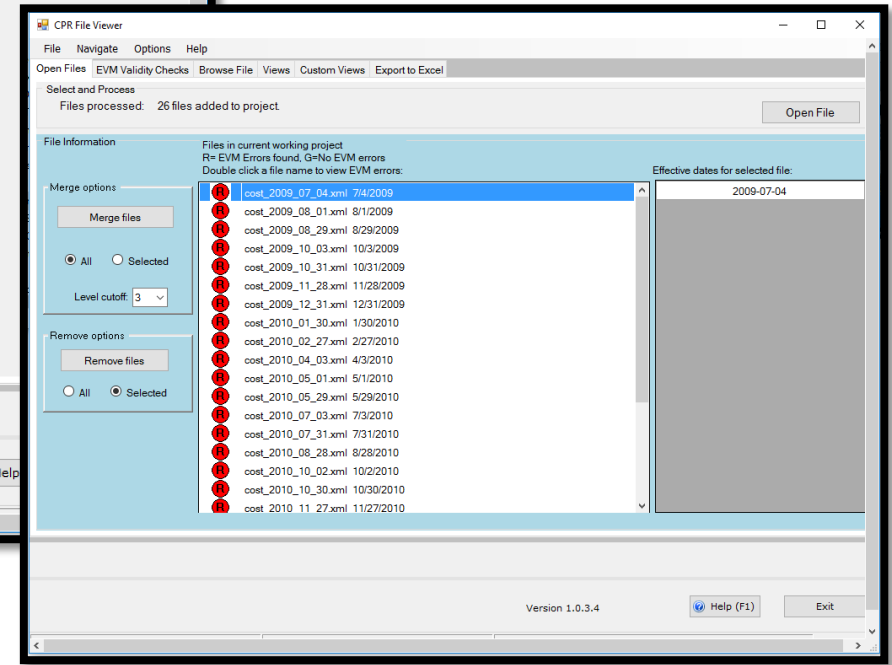
Name: CPR | program\_milestones | TPC | file\_info.txt

Selected 0 files, 0 bytes | Total 6 files, 3,478KB

# CPR / IPMR Cost File Viewer



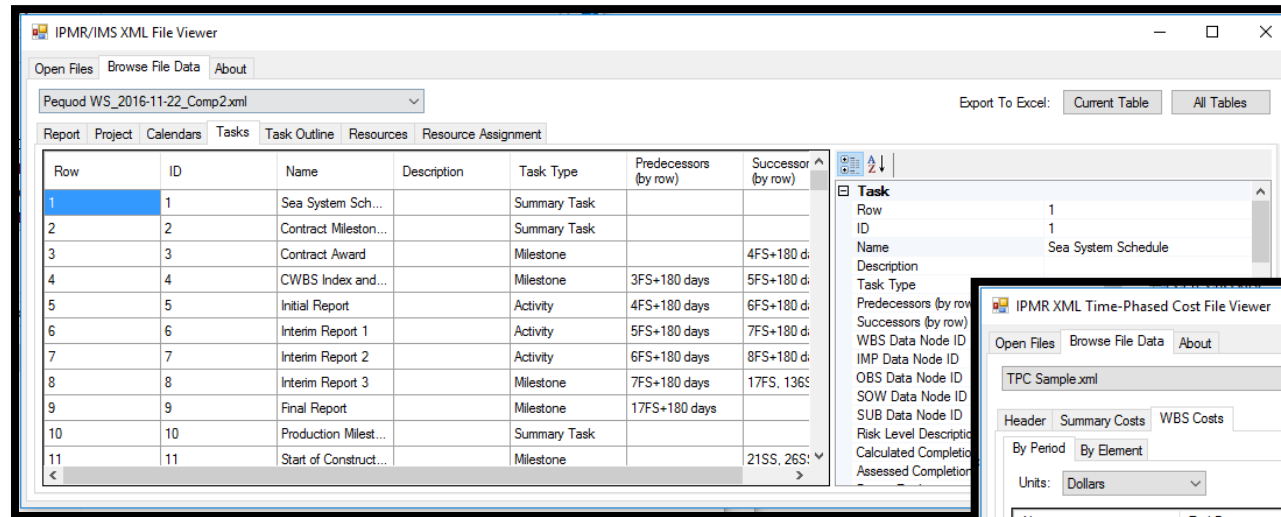
Drag and Drop





# CPR / IPMR Cost File Viewer

## Format 6



IPMR/IMS XML File Viewer

Open Files Browse File Data About

Pequod WS\_2016-11-22\_Comp2.xml

Export To Excel: Current Table All Tables

Report Project Calendars Tasks Task Outline Resources Resource Assignment

Row	ID	Name	Description	Task Type	Predecessors (by row)	Successor (by row)
1	1	Sea System Sch...		Summary Task		
2	2	Contract Mileston...		Summary Task		
3	3	Contract Award		Milestone		4FS+180 d
4	4	CWBS Index and...		Milestone	3FS+180 days	5FS+180 d
5	5	Initial Report		Activity	4FS+180 days	6FS+180 d
6	6	Interim Report 1		Activity	5FS+180 days	7FS+180 d
7	7	Interim Report 2		Activity	6FS+180 days	8FS+180 d
8	8	Interim Report 3		Milestone	7FS+180 days	17FS, 136S
9	9	Final Report		Milestone	17FS+180 days	
10	10	Production Milest...		Summary Task		
11	11	Start of Construct...		Milestone		21SS, 26S

Task

Row 1

ID 1

Name Sea System Schedule

Description

Task Type

Predecessors (by row)

Successors (by row)

WBS Data Node ID

IMP Data Node ID

OBS Data Node ID

SOW Data Node ID

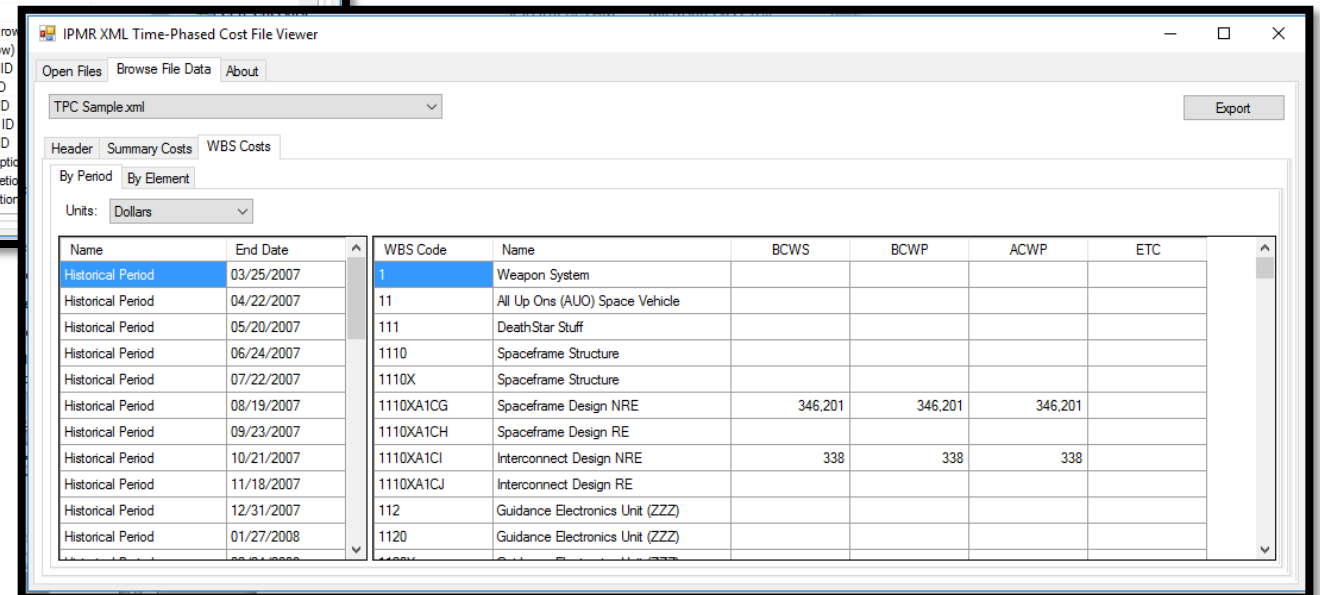
SUB Data Node ID

Risk Level Description

Calculated Completion

Assessed Completion

## Format 7



IPMR XML Time-Phased Cost File Viewer

Open Files Browse File Data About

TPC Sample.xml

Export

Header Summary Costs WBS Costs

By Period By Element

Units: Dollars

Name	End Date	WBS Code	Name	BCWS	BCWP	ACWP	ETC
Historical Period	03/25/2007	1	Weapon System				
Historical Period	04/22/2007	11	All Up Ons (AUO) Space Vehicle				
Historical Period	05/20/2007	111	DeathStar Stuff				
Historical Period	06/24/2007	1110	Spaceframe Structure				
Historical Period	07/22/2007	1110X	Spaceframe Structure				
Historical Period	08/19/2007	1110XA1CG	Spaceframe Design NRE	346,201	346,201	346,201	
Historical Period	09/23/2007	1110XA1CH	Spaceframe Design RE				
Historical Period	10/21/2007	1110XA1CI	Interconnect Design NRE	338	338	338	
Historical Period	11/18/2007	1110XA1CJ	Interconnect Design RE				
Historical Period	12/31/2007	112	Guidance Electronics Unit (ZZZ)				
Historical Period	01/27/2008	1120	Guidance Electronics Unit (ZZZ)				



# IPMR<sub>2</sub> Status and Future

Photo credit: Colbey Livingston



Office of Acquisition, Analytics and Policy (AAP)

# Current State

## The IPMR and EVM reporting process is not broken

### Goals of IMPR<sub>2</sub> initiative

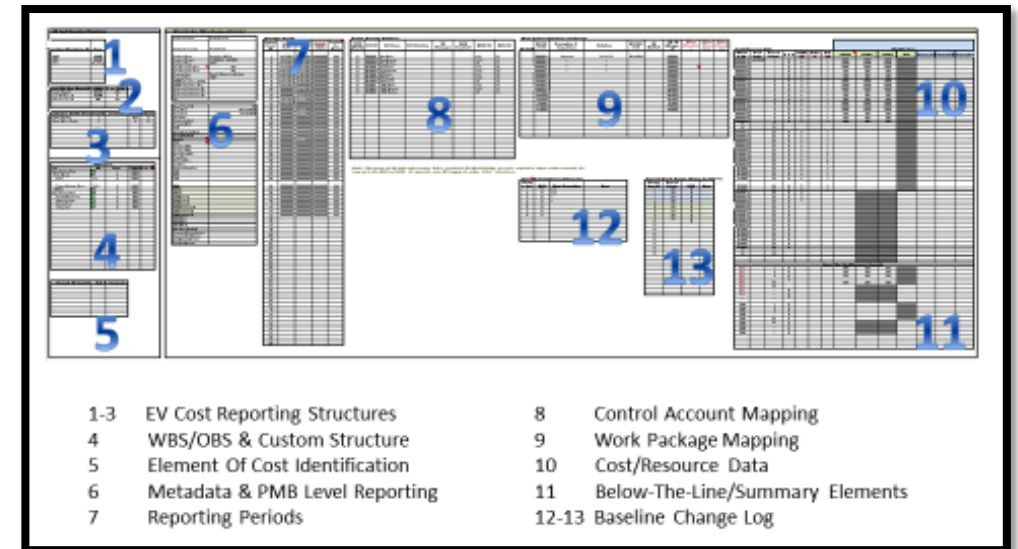
- Develop streamlined data process for the department to gain efficiencies
- Reduce duplication of data in the IPMR formats
- Update data transfer mechanism (XML to JSON)
- Improve traceability between cost and schedule data

DATA ITEM DESCRIPTION		
<b>Title:</b> Integrated Program Management Report (IPMR)		
<b>Number:</b> DI-MGMT-81861A	<b>Approval Date:</b> 20150916	
<b>AMSC Number:</b> D9583	<b>Limitation:</b>	
<b>DTIC Applicable:</b> No	<b>GIDEP Applicable:</b> No	
<b>Preparing Activity:</b> OUSD (AT&L) PARCA	<b>Project Number:</b> MGMT-2015-033	
<b>Applicable Forms:</b> Forms are available to be used to submit required formats as follows:		
IPMR Format	Form Number	Format No.
Work Breakdown Structure	2734/1	1
Organizational Categories	2734/2	2
Baseline	2734/3	3
Staffing	2734/4	4
Explanations and Problem Analyses	N/A	5
Integrated Master Schedule	N/A	6
Electronic History and Forecast File	N/A	7
<b>1.0. USE/RELATIONSHIP:</b>		
1.1. The IPMR contains data for measuring cost and schedule		

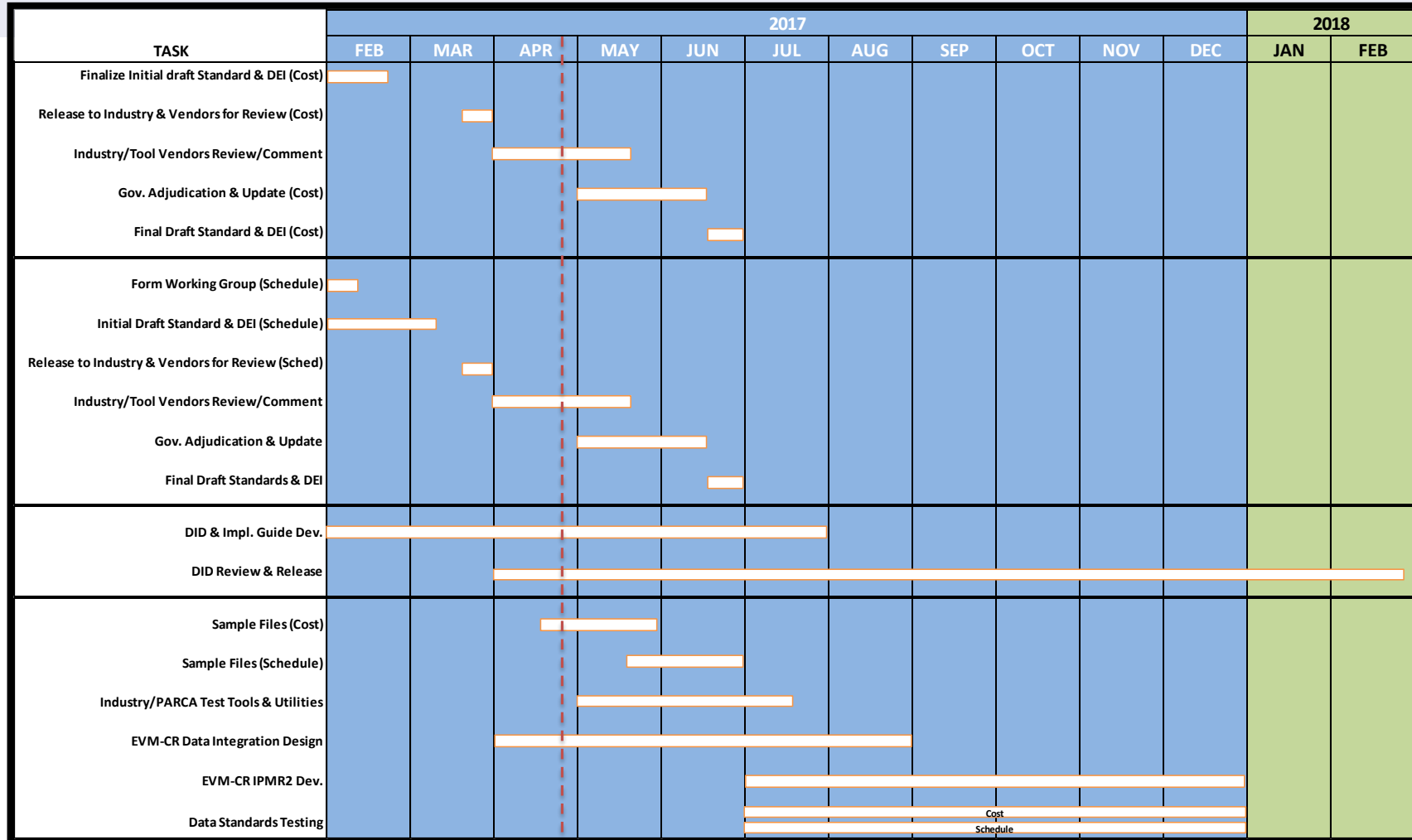
# IPMR<sub>2</sub> Implementation Plan Status

## Activities Completed

- Completed table representation of data; met with industry and gov't
- Developed draft file format specifications and DEI
- Held overview with EVM software vendors on March 31<sup>st</sup>
- Held technical discussion forum with EVM vendors on April 7<sup>th</sup>
- Industry and vendor adjudication process through June

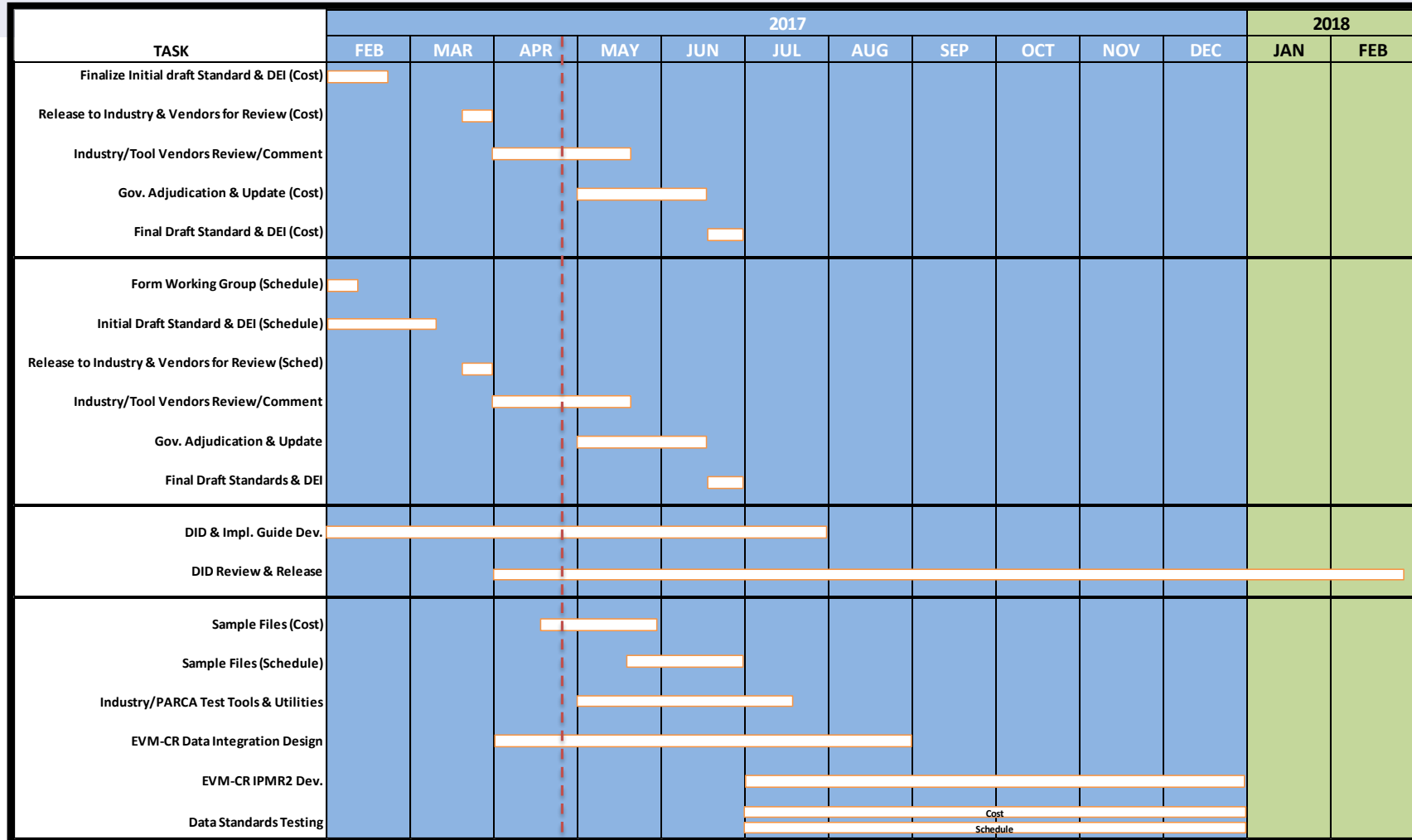


# IPMR<sub>2</sub> Implementation Plan





# IPMR<sub>2</sub> Implementation Plan





# Questions? Contact Us

- AAP EVM Website: <https://www.acq.osd.mil/evm/>
- AAP EVM Email: [OSD.DODEVM@mail.mil](mailto:OSD.DODEVM@mail.mil)

Want to learn more about EVM?

The AAP Acquisition Exchange Program (AEP) provides a unique career-development experience for high-caliber Government civilians or military personnel interested in acquisition and/or EVM.

<https://www.acq.osd.mil/evm/#/aep>